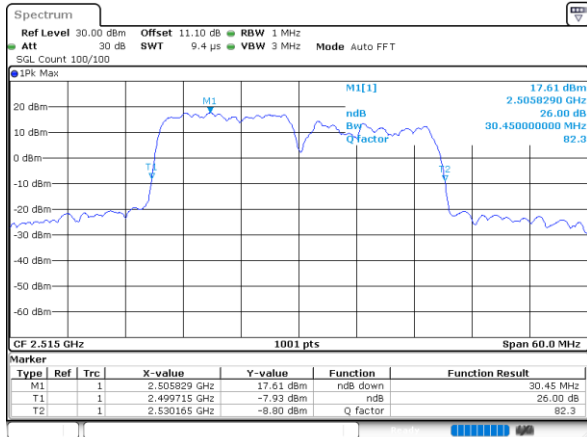




LTE Band 7CA

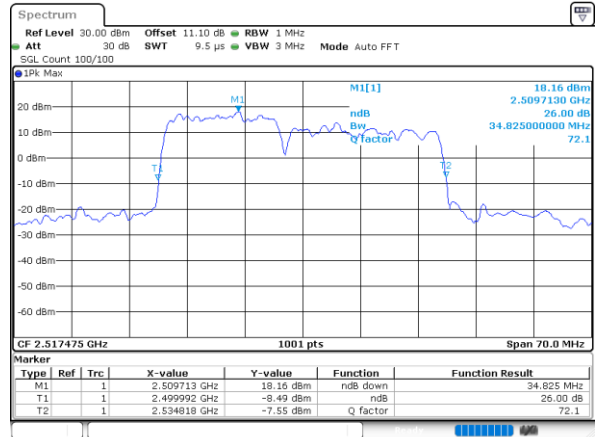
16QAM

Lowest Channel / 15MHz+15MHz



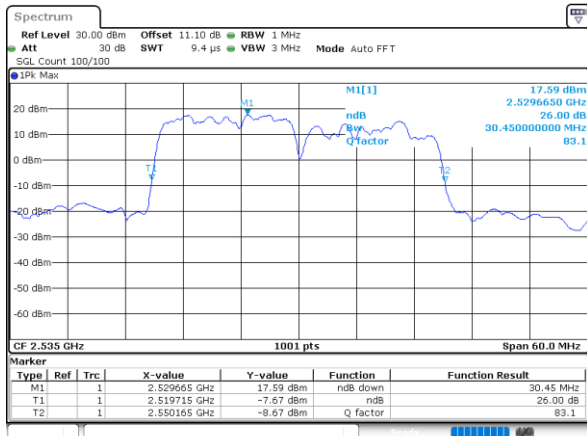
Date: 23_MAR_2020 13:08:15

Lowest Channel / 15MHz+20MHz



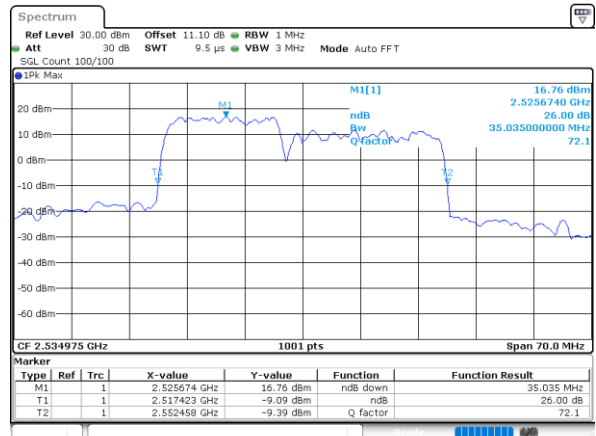
Date: 23_MAR_2020 13:10:15

Middle Channel / 15MHz+15MHz



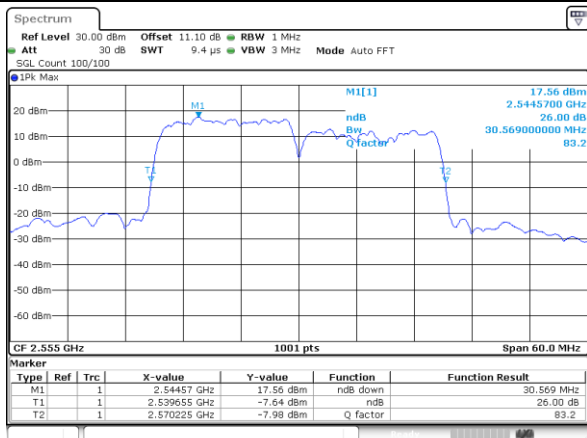
Date: 23_MAR_2020 12:46:54

Middle Channel / 15MHz+20MHz



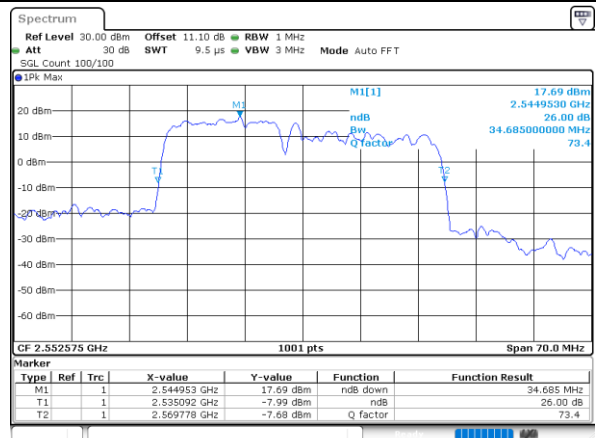
Date: 23_MAR_2020 13:14:54

Highest Channel / 15MHz+15MHz



Date: 23_MAR_2020 18:20:08

Highest Channel / 15MHz+20MHz



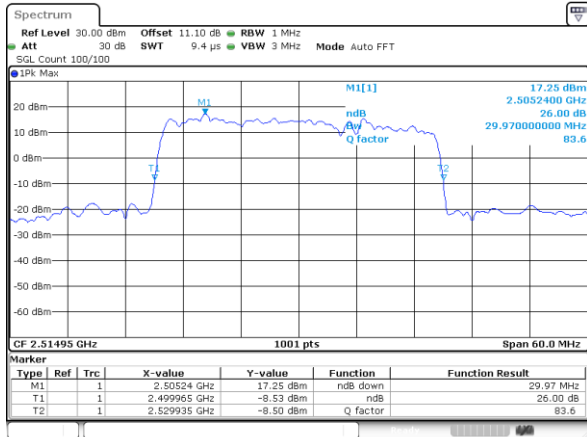
Date: 23_MAR_2020 14:18:56



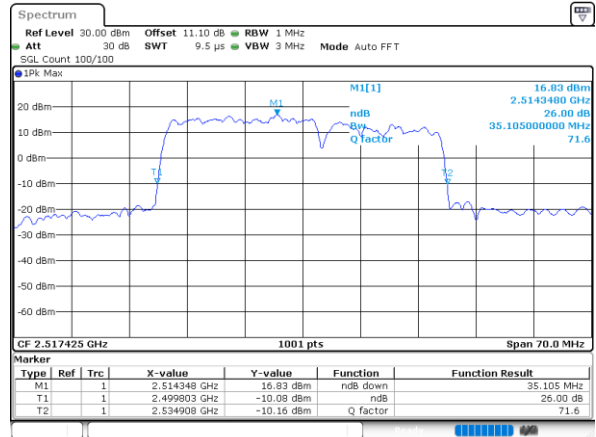
LTE Band 7CA

16QAM

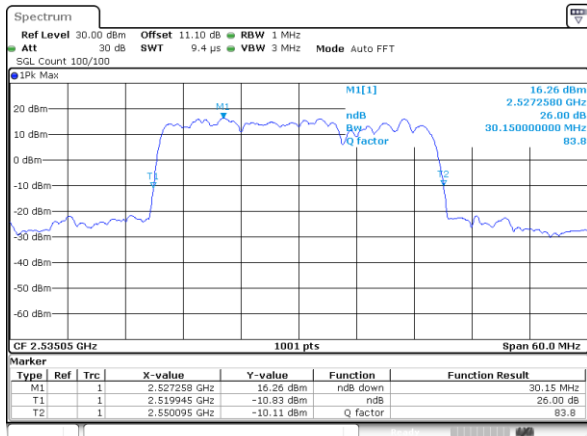
Lowest Channel / 20MHz+10MHz



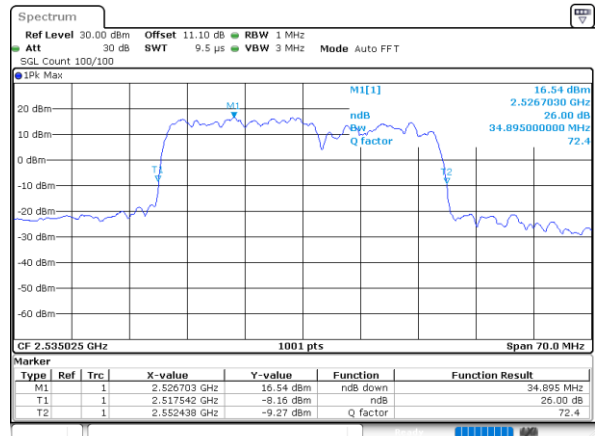
Lowest Channel / 20MHz+15MHz



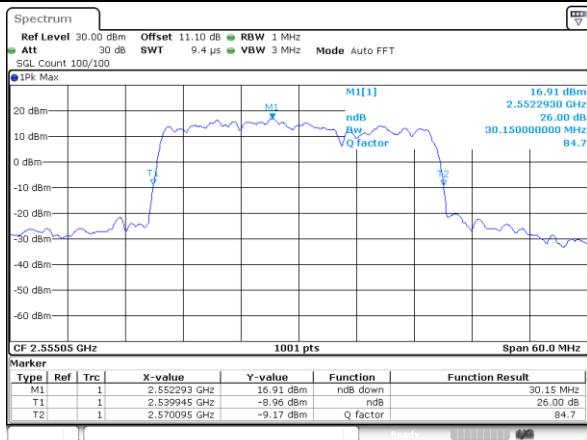
Middle Channel / 20MHz+10MHz



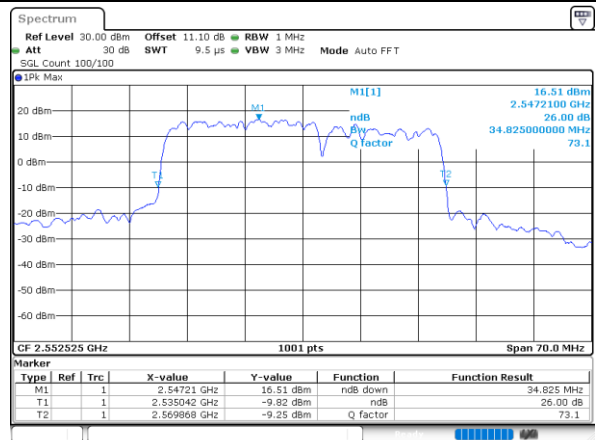
Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



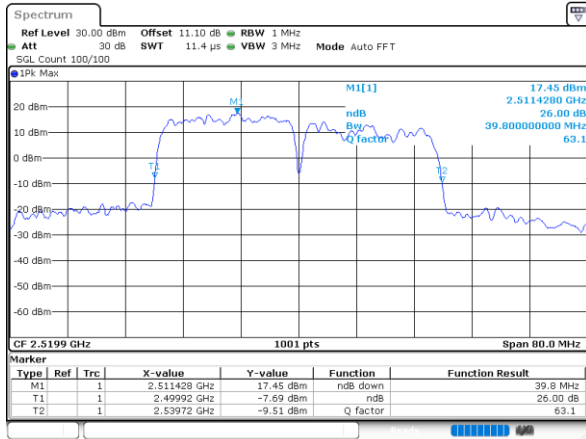


LTE Band 7CA

16QAM

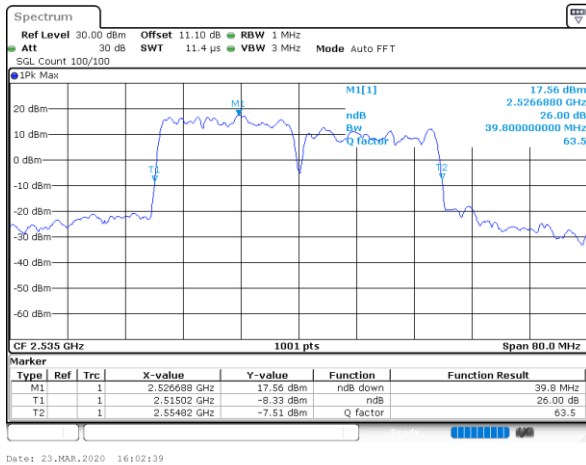
Lowest Channel / 20MHz+20MHz

N/A



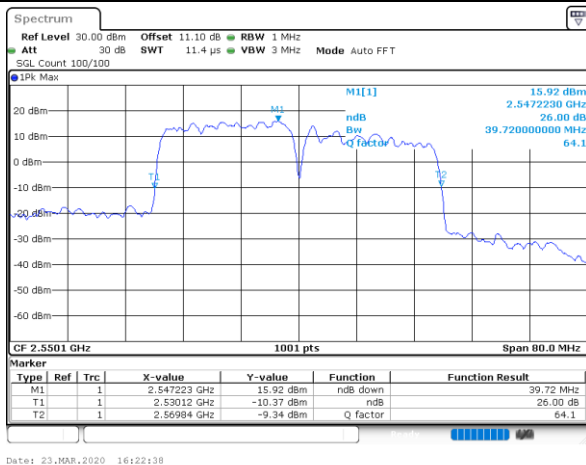
Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A

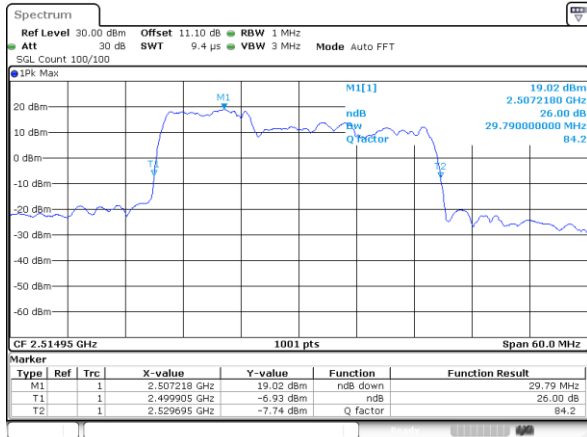




LTE Band 7CA

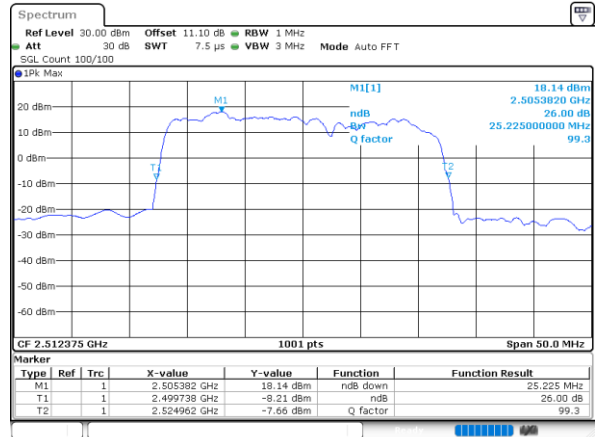
64QAM

Lowest Channel / 10MHz+20MHz



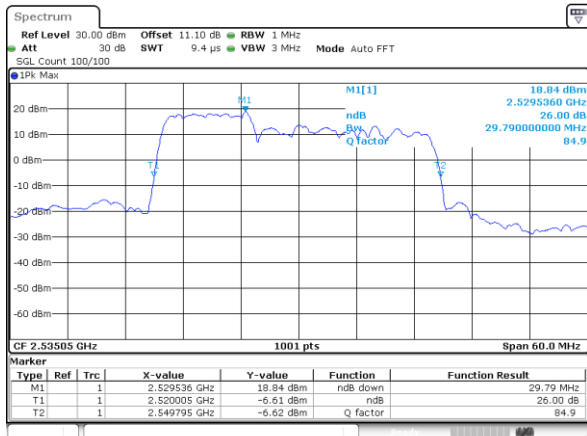
Date: 23.MAR.2020 14:59:48

Lowest Channel / 15MHz+10MHz



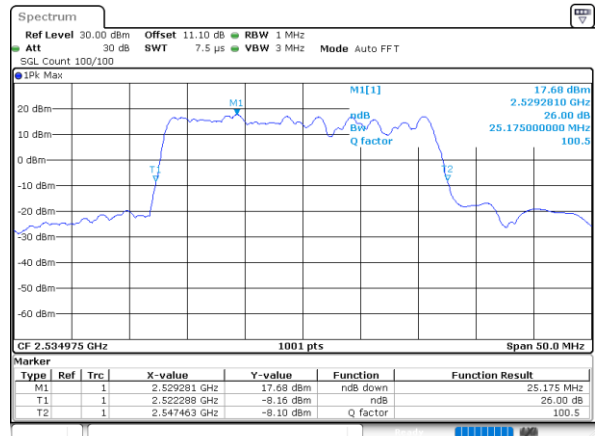
Date: 23.MAR.2020 17:28:01

Middle Channel / 10MHz+20MHz



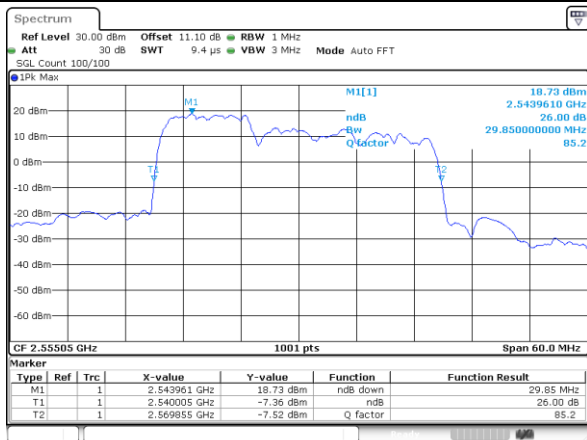
Date: 23.MAR.2020 15:59:05

Middle Channel / 15MHz+10MHz



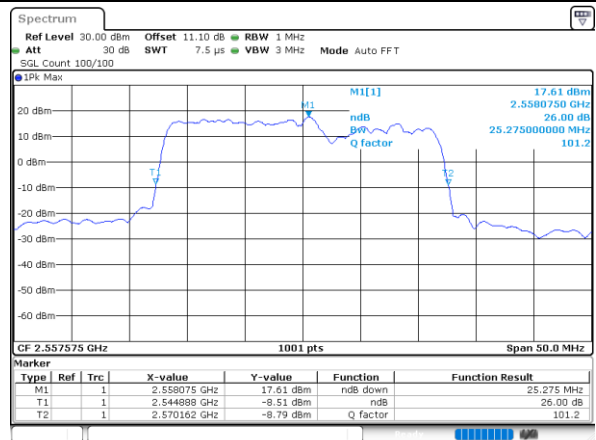
Date: 23.MAR.2020 17:46:44

Highest Channel / 10MHz+20MHz



Date: 23.MAR.2020 15:28:31

Highest Channel / 15MHz+10MHz



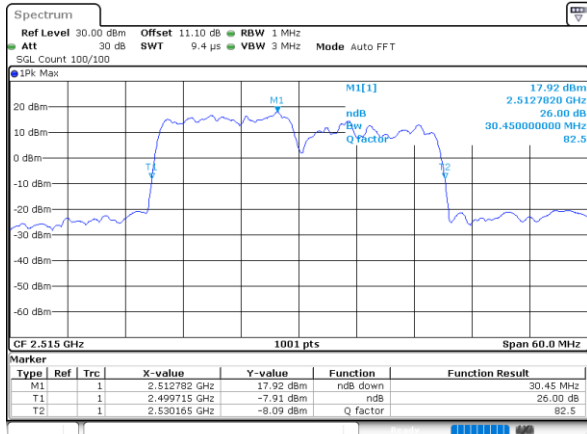
Date: 23.MAR.2020 18:01:34



LTE Band 7CA

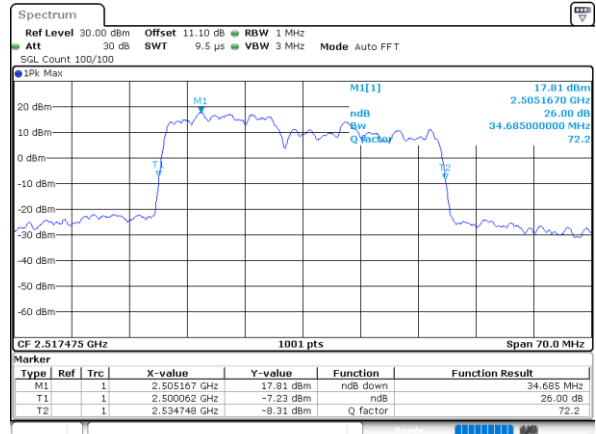
64QAM

Lowest Channel / 15MHz+15MHz



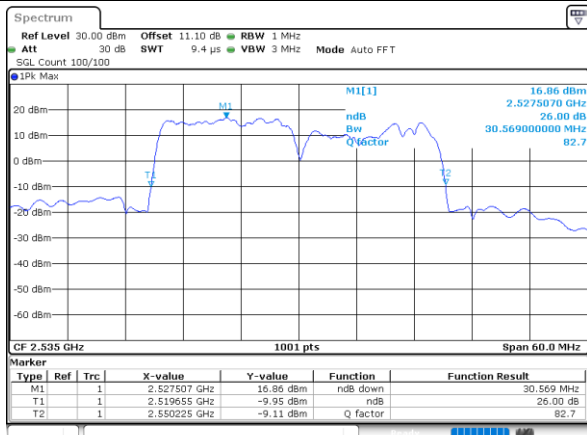
Date: 23_MAR_2020 13:07:55

Lowest Channel / 15MHz+20MHz



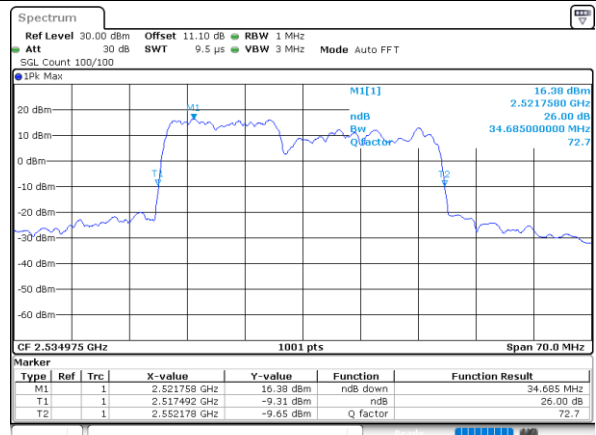
Date: 23_MAR_2020 13:12:55

Middle Channel / 15MHz+15MHz



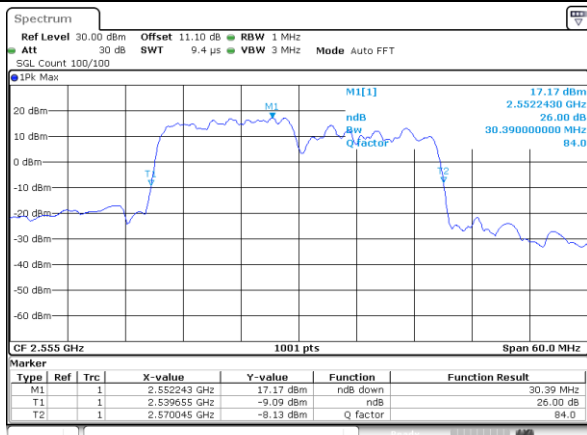
Date: 23_MAR_2020 12:46:14

Middle Channel / 15MHz+20MHz



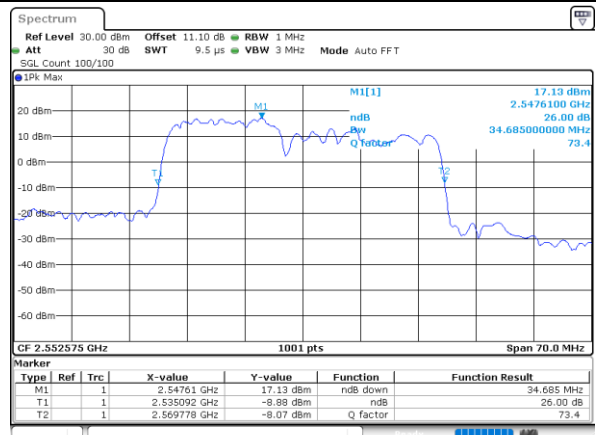
Date: 23_MAR_2020 13:14:20

Highest Channel / 15MHz+15MHz



Date: 23_MAR_2020 18:20:28

Highest Channel / 15MHz+20MHz



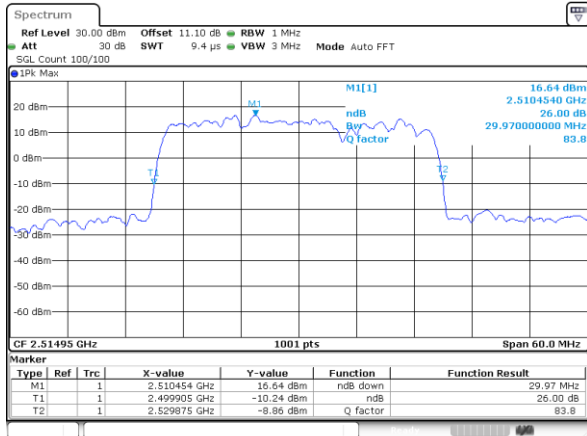
Date: 23_MAR_2020 14:11:16



LTE Band 7CA

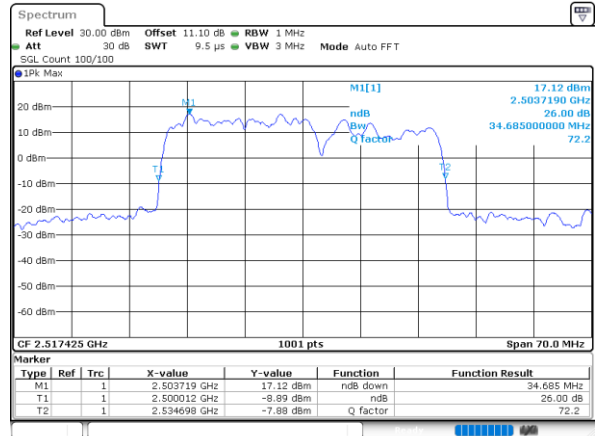
64QAM

Lowest Channel / 20MHz+10MHz



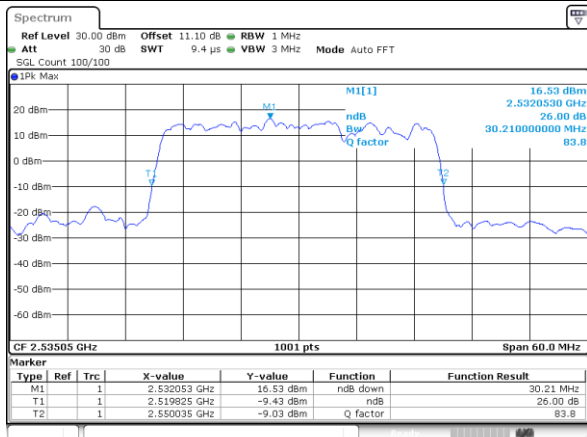
Date: 23.MAR.2020 16:25:49

Lowest Channel / 20MHz+15MHz



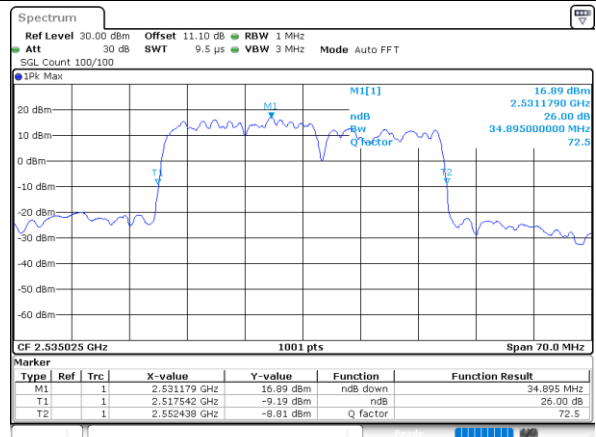
Date: 23.MAR.2020 14:45:56

Middle Channel / 20MHz+10MHz



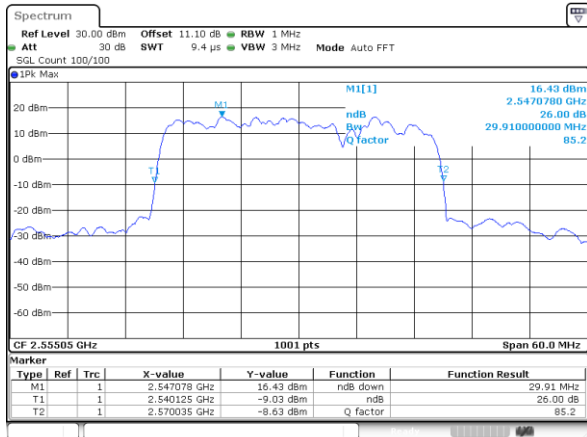
Date: 23.MAR.2020 17:20:48

Middle Channel / 20MHz+15MHz



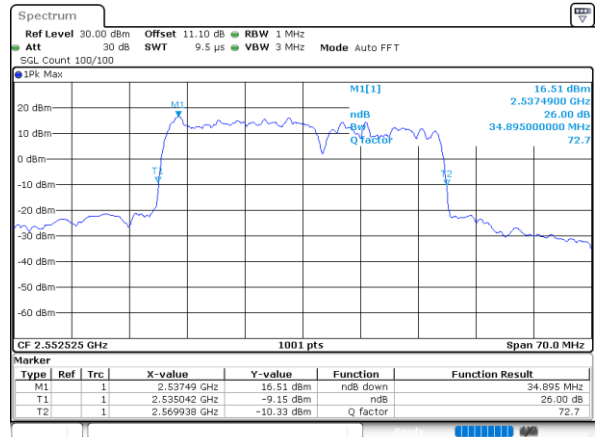
Date: 23.MAR.2020 15:04:55

Highest Channel / 20MHz+10MHz



Date: 23.MAR.2020 16:54:19

Highest Channel / 20MHz+15MHz



Date: 23.MAR.2020 15:17:51

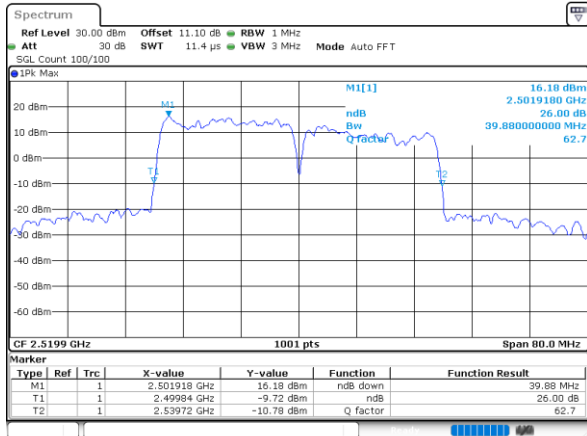


LTE Band 7CA

64QAM

Lowest Channel / 20MHz+20MHz

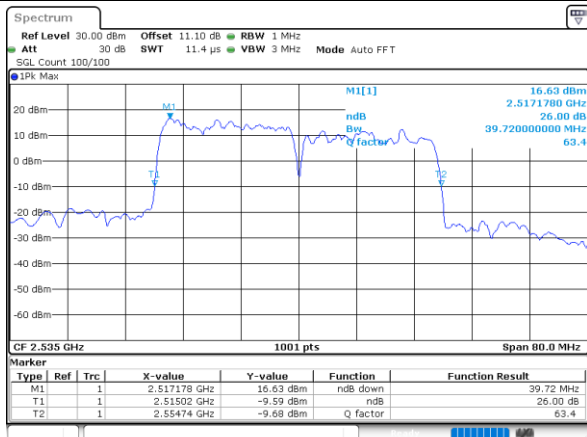
N/A



Date: 23_MAR_2020 15:39:31

Middle Channel / 20MHz+20MHz

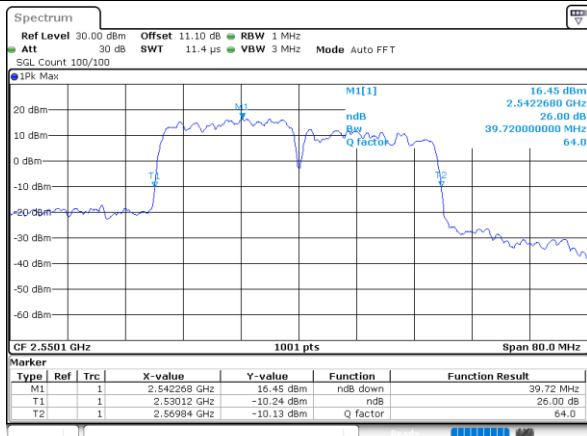
N/A



Date: 23_MAR_2020 16:02:19

Highest Channel / 20MHz+20MHz

N/A



Date: 23_MAR_2020 16:22:58



Occupied Bandwidth

Mode	LTE Band 7CA : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.57	23.63	28.29	32.87
Middle CH	27.99	23.58	28.41	32.52
Highest CH	27.57	23.28	28.41	32.59
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.93	32.87	37.72	-
Middle CH	27.93	32.94	37.88	-
Highest CH	28.05	32.73	37.16	-

Mode	LTE Band 7CA : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.57	23.28	28.35	32.45
Middle CH	28.23	23.63	28.53	32.45
Highest CH	27.93	23.03	28.35	32.73
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.75	32.87	37.48	-
Middle CH	27.93	32.94	37.56	-
Highest CH	27.99	32.45	37.16	-

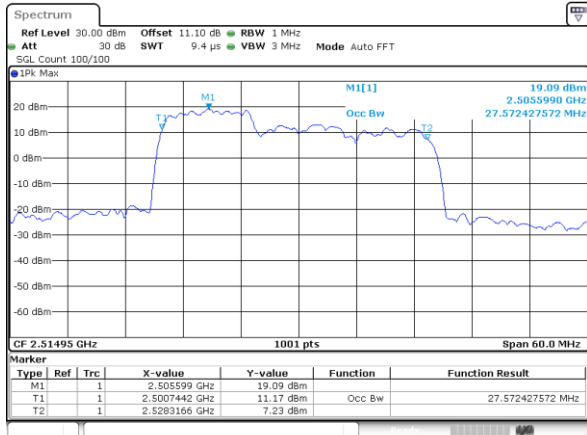
Mode	LTE Band 7CA : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	27.33	23.33	28.53	32.59
Middle CH	28.23	23.23	28.41	32.87
Highest CH	27.57	23.18	28.35	32.38
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	27.81	32.38	37.48	-
Middle CH	27.93	32.52	37.56	-
Highest CH	27.63	32.52	37.64	-



LTE Band 7CA

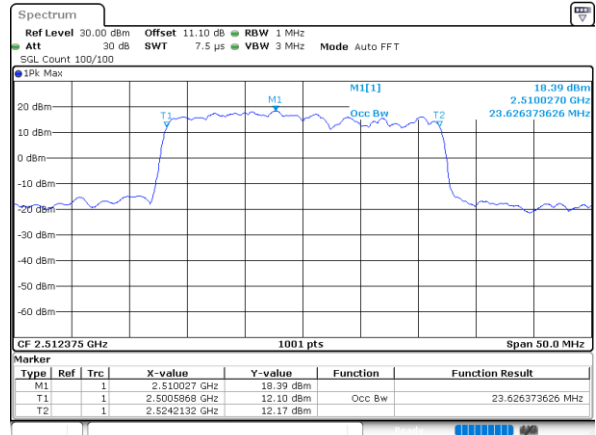
QPSK

Lowest Channel / 10MHz+20MHz



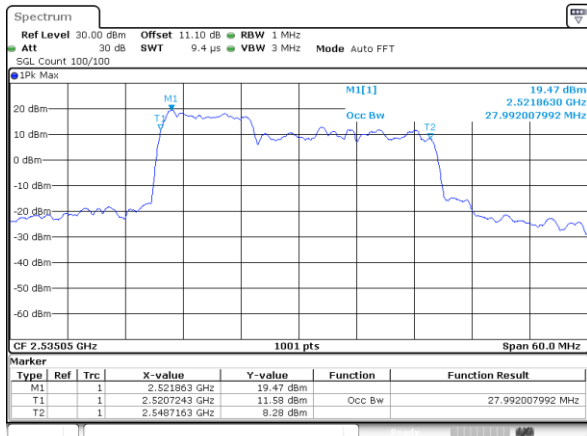
Date: 23.MAR.2020 14:58:50

Lowest Channel / 15MHz+10MHz



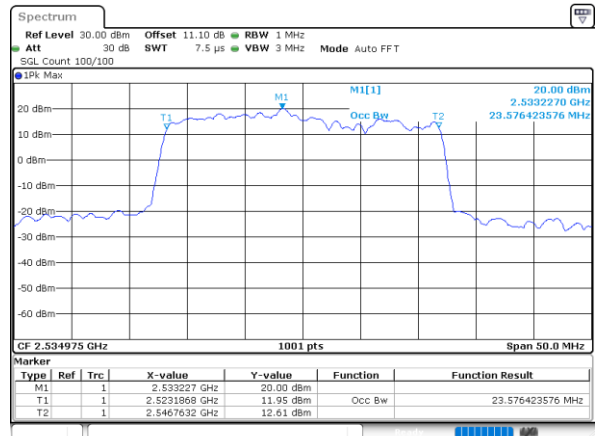
Date: 23.MAR.2020 17:27:01

Middle Channel / 10MHz+20MHz



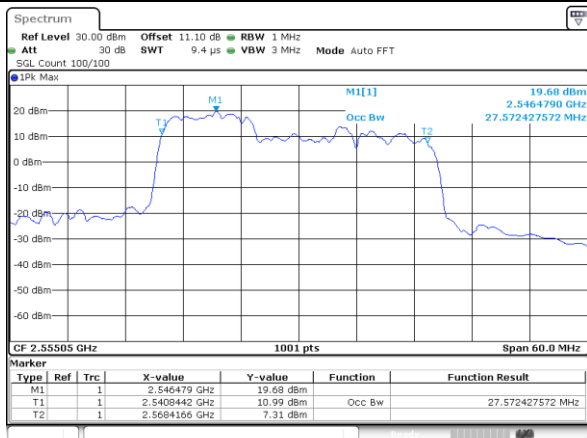
Date: 23.MAR.2020 15:58:07

Middle Channel / 15MHz+10MHz



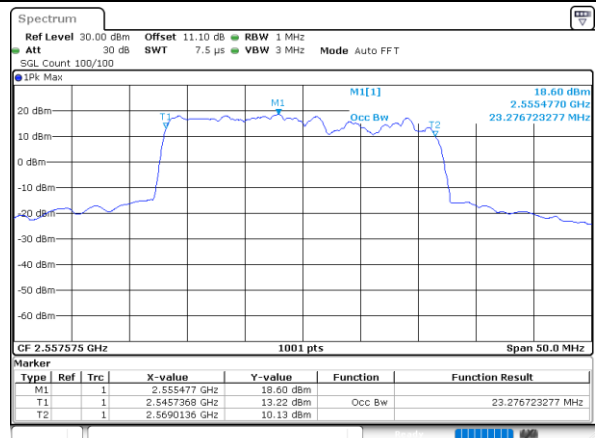
Date: 23.MAR.2020 17:45:44

Highest Channel / 10MHz+20MHz



Date: 23.MAR.2020 15:27:33

Highest Channel / 15MHz+10MHz



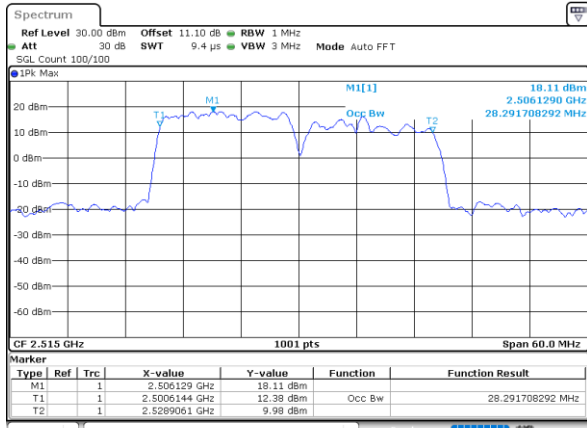
Date: 23.MAR.2020 18:00:34



LTE Band 7CA

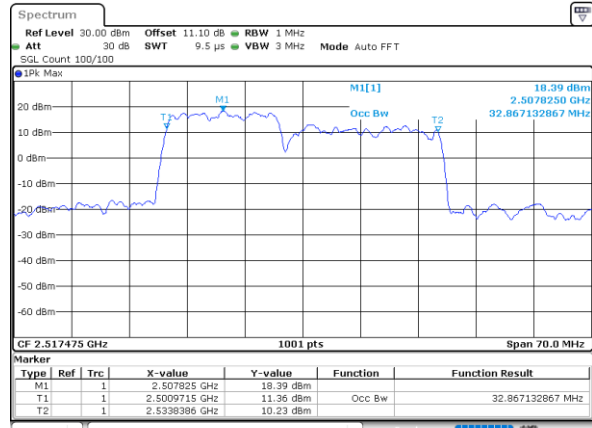
QPSK

Lowest Channel / 15MHz+15MHz



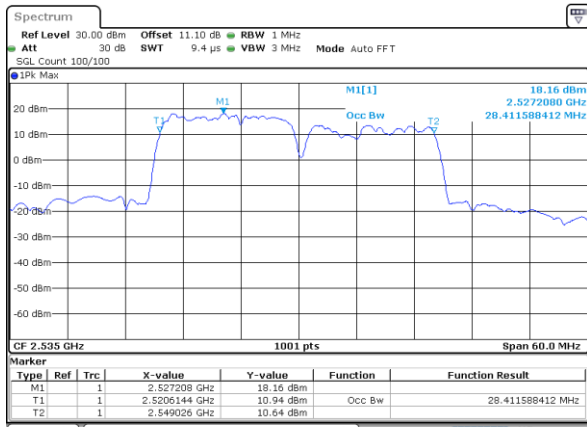
Date: 23.MAR.2020 13:06:55

Lowest Channel / 15MHz+20MHz



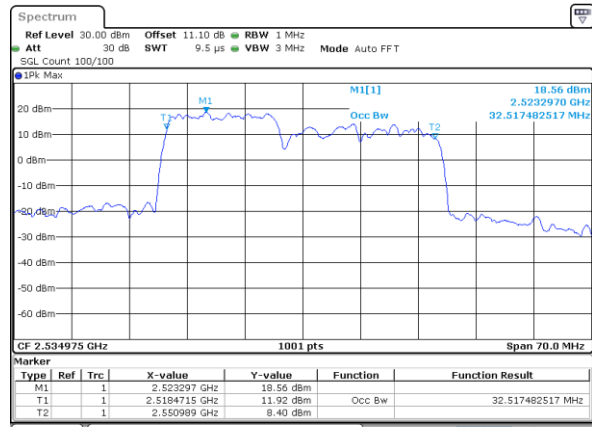
Date: 23.MAR.2020 13:28:56

Middle Channel / 15MHz+15MHz



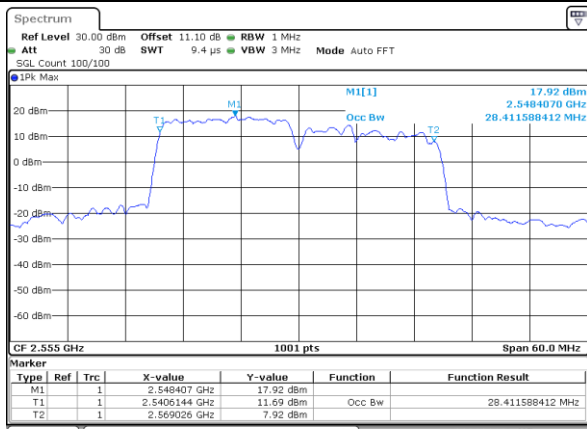
Date: 23.MAR.2020 12:45:12

Middle Channel / 15MHz+20MHz



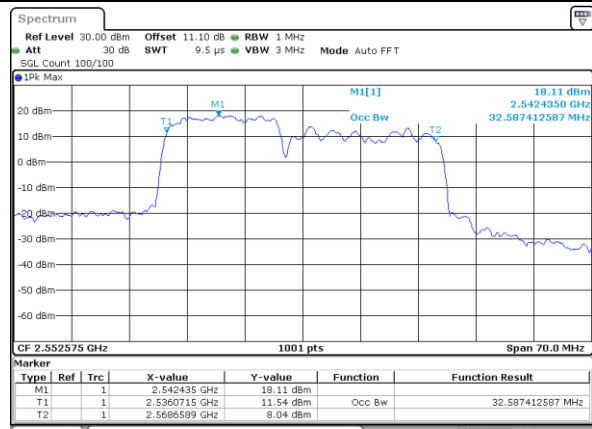
Date: 23.MAR.2020 13:48:20

Highest Channel / 15MHz+15MHz



Date: 23.MAR.2020 18:19:29

Highest Channel / 15MHz+20MHz



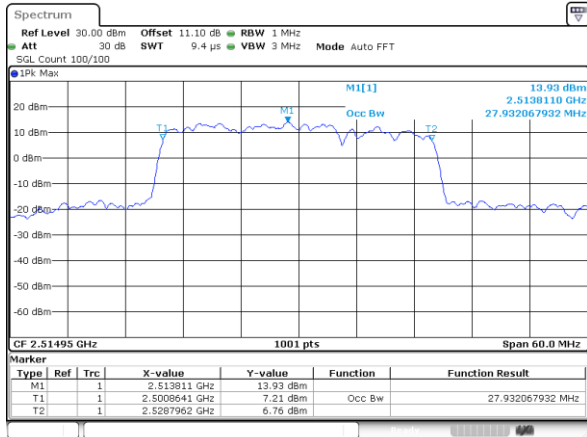
Date: 23.MAR.2020 14:18:16



LTE Band 7CA

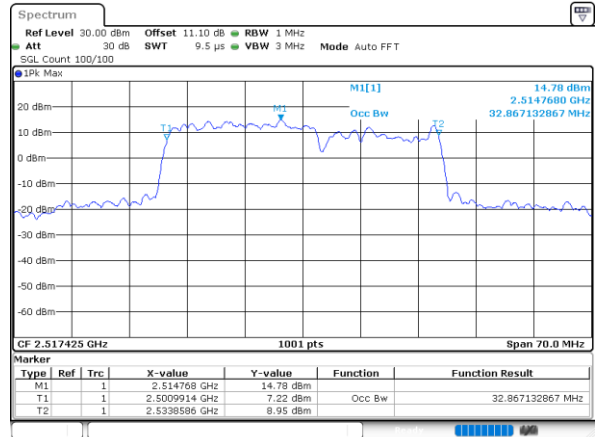
QPSK

Lowest Channel / 20MHz+10MHz



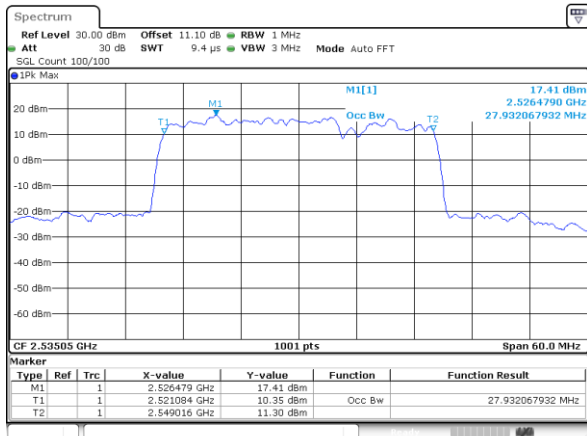
Date: 23.MAR.2020 16:24:49

Lowest Channel / 20MHz+15MHz



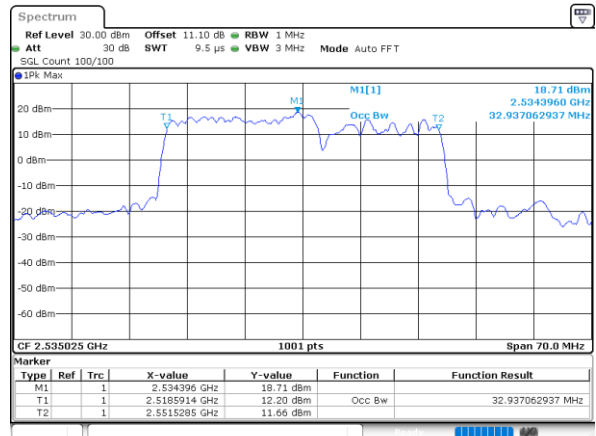
Date: 23.MAR.2020 14:44:56

Middle Channel / 20MHz+10MHz



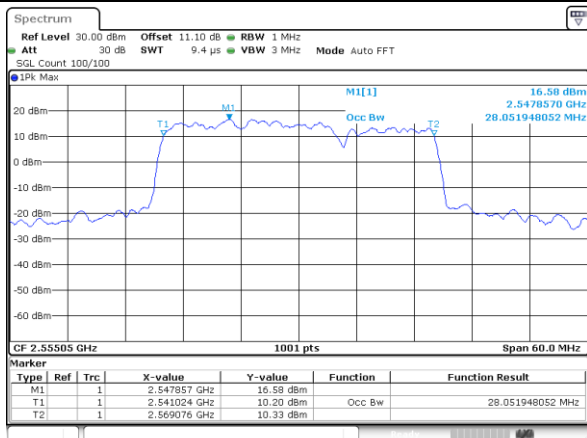
Date: 23.MAR.2020 17:19:47

Middle Channel / 20MHz+15MHz



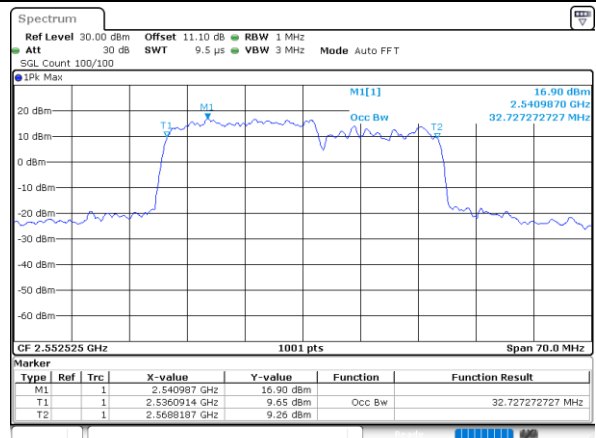
Date: 23.MAR.2020 15:03:56

Highest Channel / 20MHz+10MHz



Date: 23.MAR.2020 16:53:20

Highest Channel / 20MHz+15MHz



Date: 23.MAR.2020 15:16:51

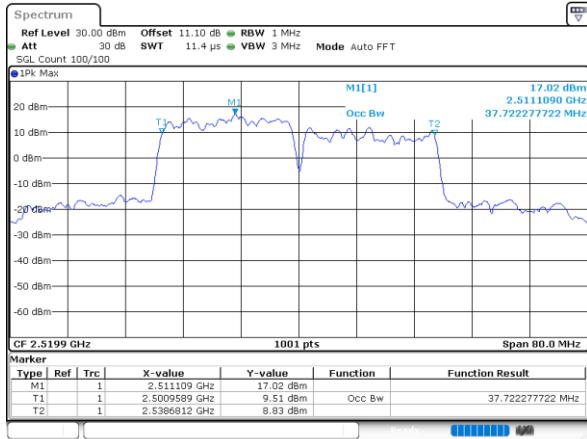


LTE Band 7CA

QPSK

Lowest Channel / 20MHz+20MHz

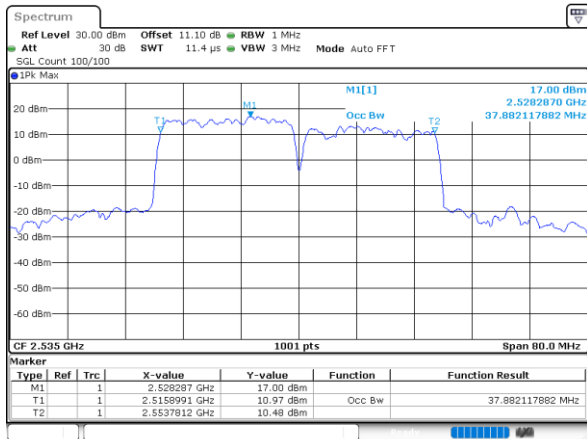
N/A



Date: 23_MAR_2020 15:38:31

Middle Channel / 20MHz+20MHz

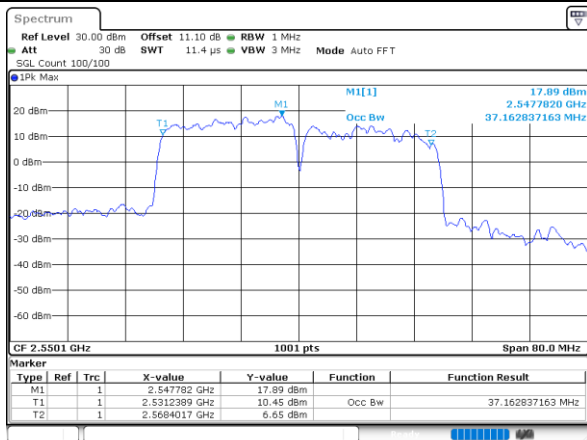
N/A



Date: 23_MAR_2020 16:01:20

Highest Channel / 20MHz+20MHz

N/A



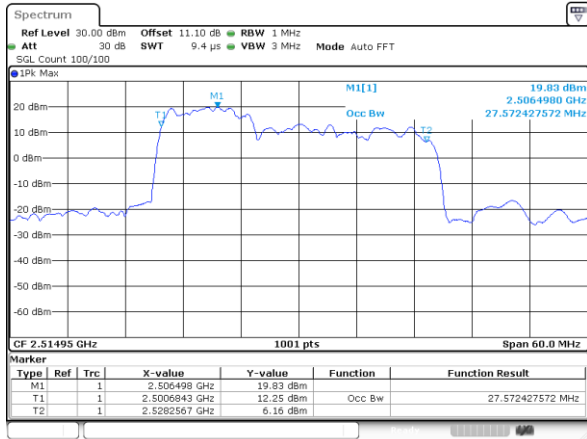
Date: 23_MAR_2020 16:21:59



LTE Band 7CA

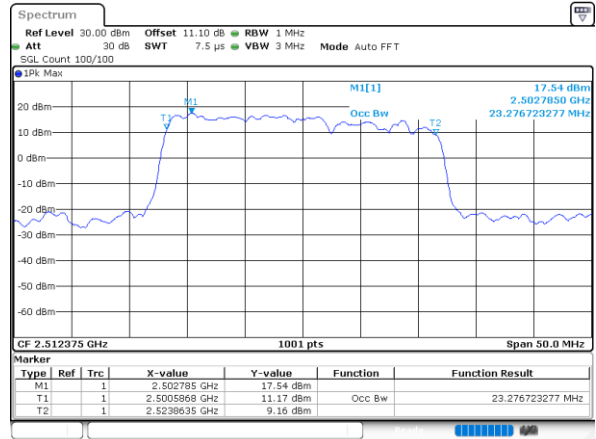
16QAM

Lowest Channel / 10MHz+20MHz



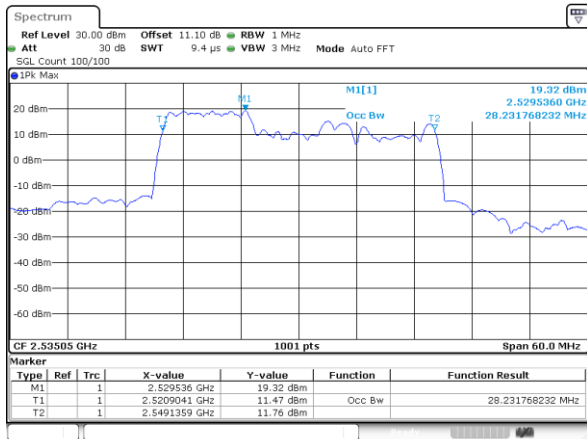
Date: 23.MAR.2020 14:59:10

Lowest Channel / 15MHz+10MHz



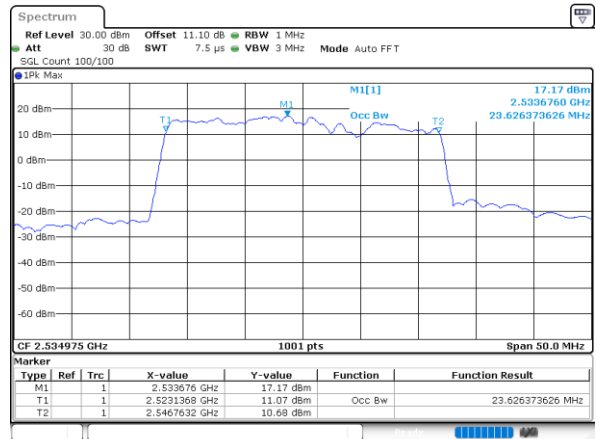
Date: 23.MAR.2020 17:27:21

Middle Channel / 10MHz+20MHz



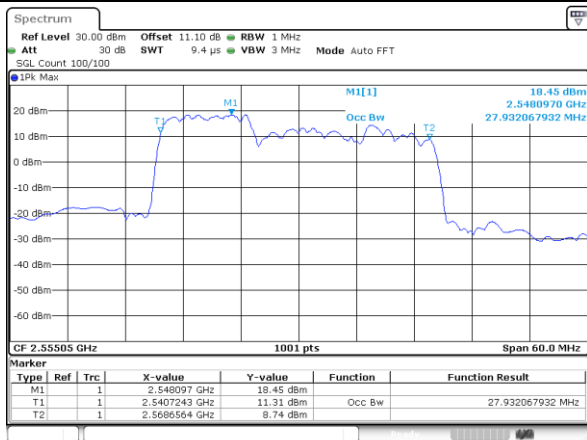
Date: 23.MAR.2020 15:58:26

Middle Channel / 15MHz+10MHz



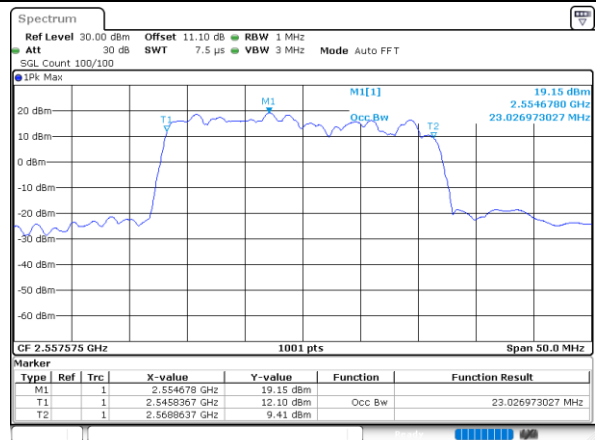
Date: 23.MAR.2020 17:46:01

Highest Channel / 10MHz+20MHz



Date: 23.MAR.2020 15:27:14

Highest Channel / 15MHz+10MHz



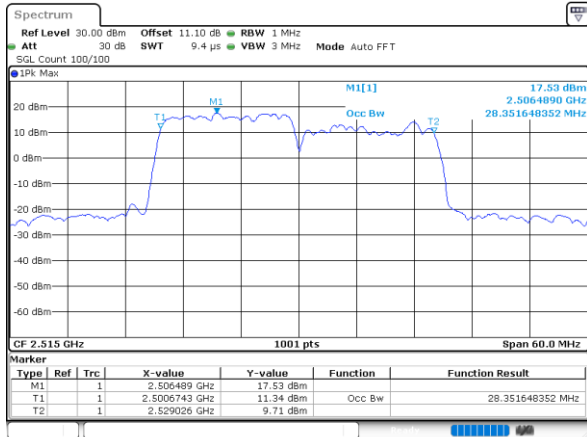
Date: 23.MAR.2020 18:00:14



LTE Band 7CA

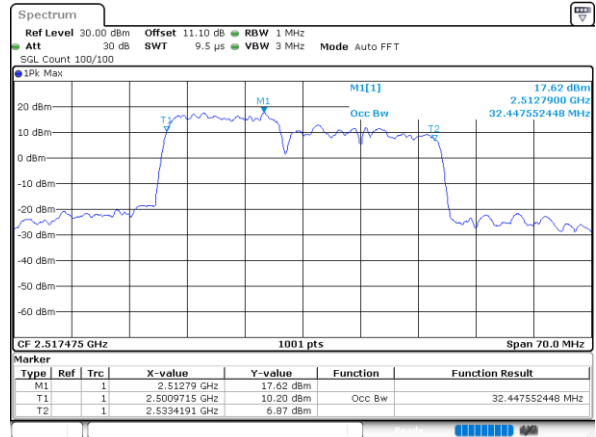
16QAM

Lowest Channel / 15MHz+15MHz



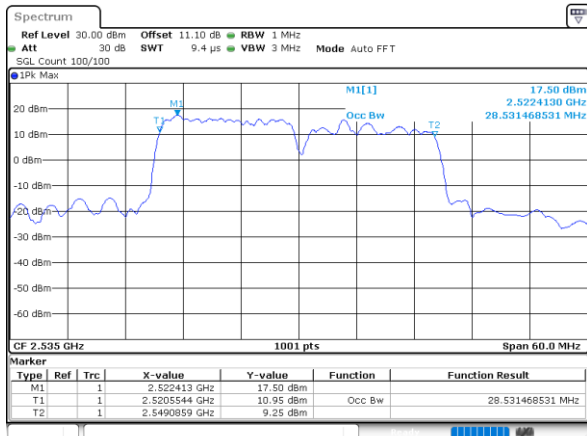
Date: 23.MAR.2020 13:07:16

Lowest Channel / 15MHz+20MHz



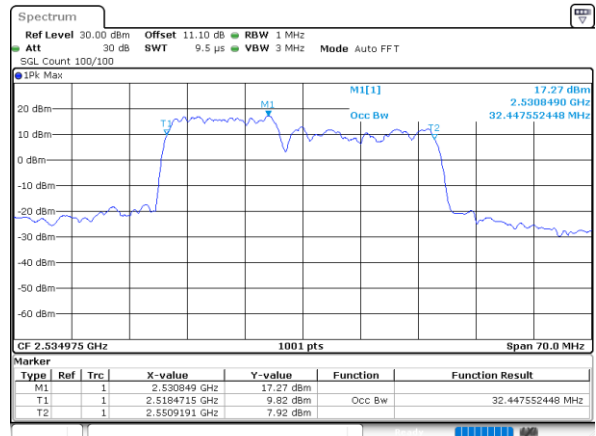
Date: 23.MAR.2020 13:12:16

Middle Channel / 15MHz+15MHz



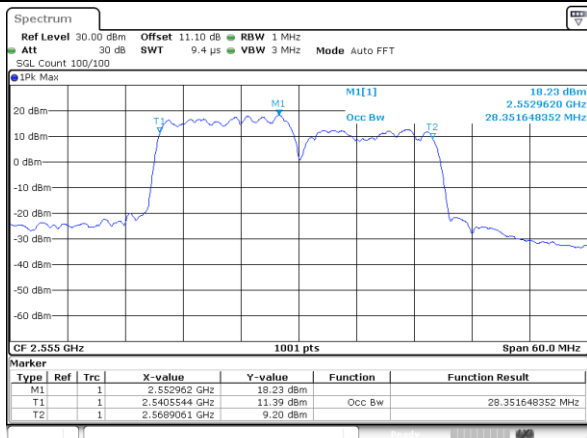
Date: 23.MAR.2020 12:45:54

Middle Channel / 15MHz+20MHz



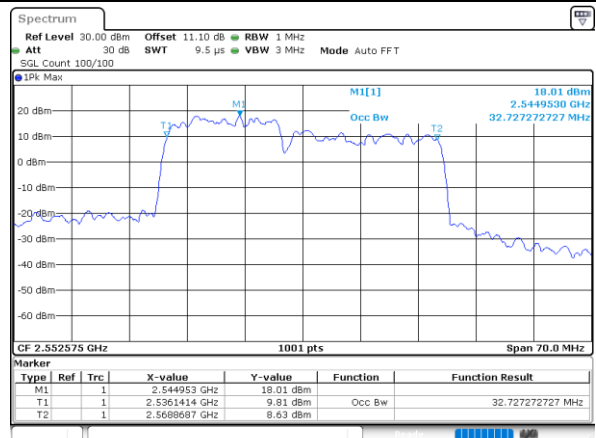
Date: 23.MAR.2020 13:14:41

Highest Channel / 15MHz+15MHz



Date: 23.MAR.2020 18:19:09

Highest Channel / 15MHz+20MHz



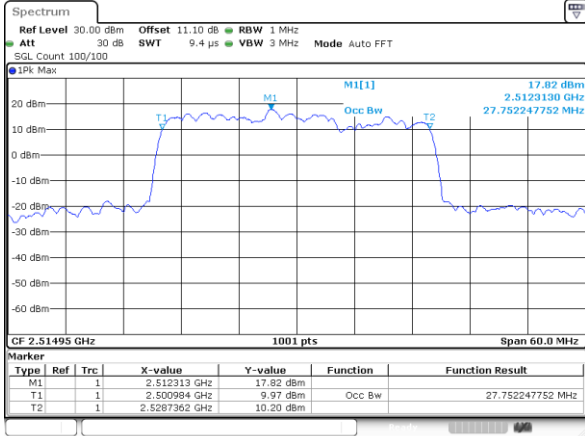
Date: 23.MAR.2020 14:11:56



LTE Band 7CA

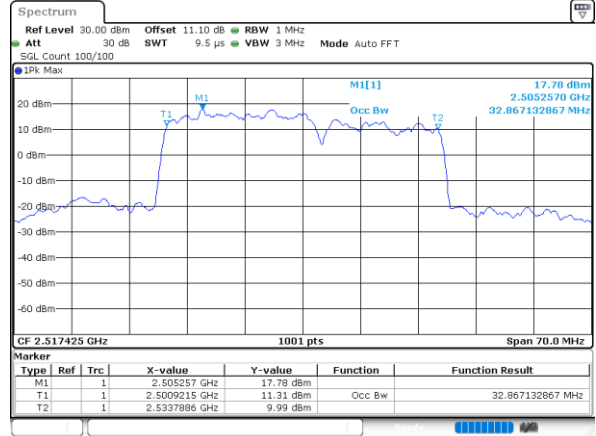
16QAM

Lowest Channel / 20MHz+10MHz



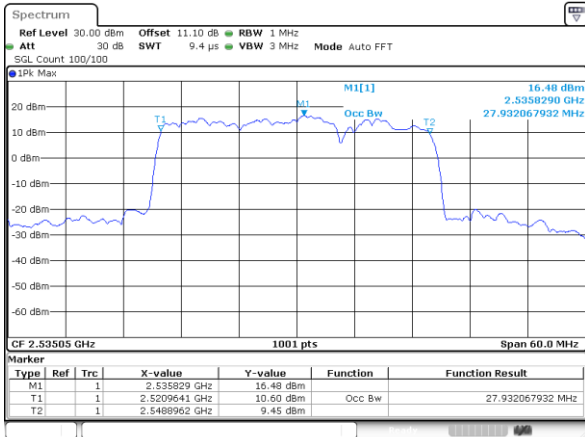
Date: 23.MAR.2020 16:25:09

Lowest Channel / 20MHz+15MHz



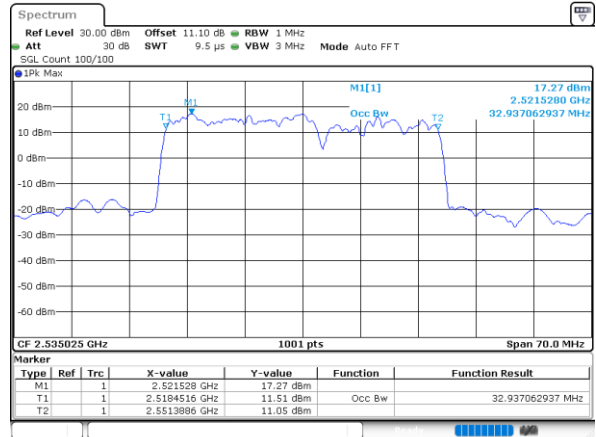
Date: 23.MAR.2020 14:45:16

Middle Channel / 20MHz+10MHz



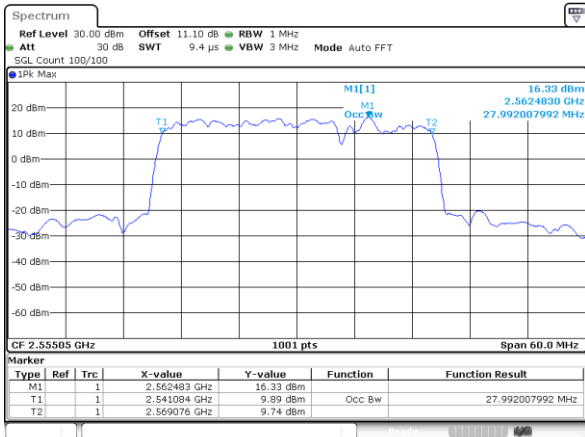
Date: 23.MAR.2020 17:20:08

Middle Channel / 20MHz+15MHz



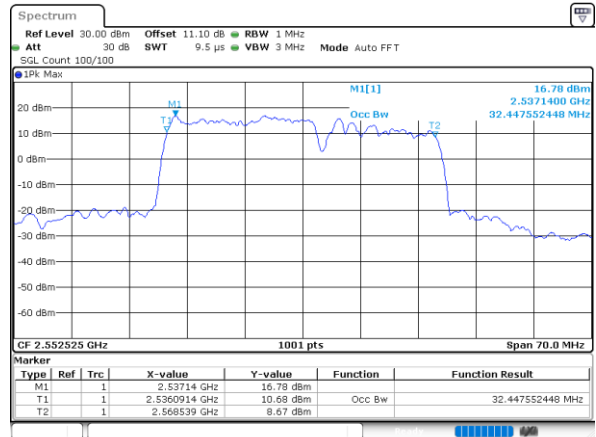
Date: 23.MAR.2020 15:04:16

Highest Channel / 20MHz+10MHz



Date: 23.MAR.2020 16:52:59

Highest Channel / 20MHz+15MHz



Date: 23.MAR.2020 15:16:31

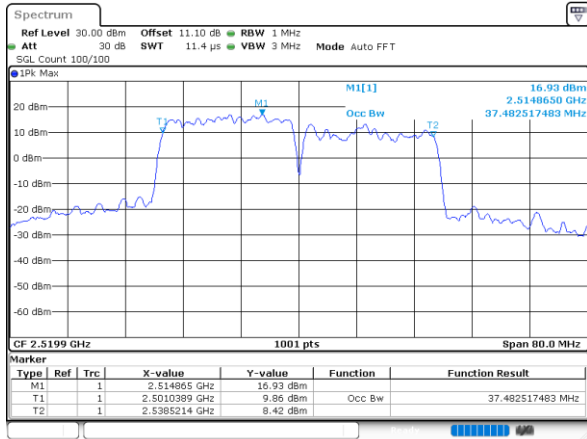


LTE Band 7CA

16QAM

Lowest Channel / 20MHz+20MHz

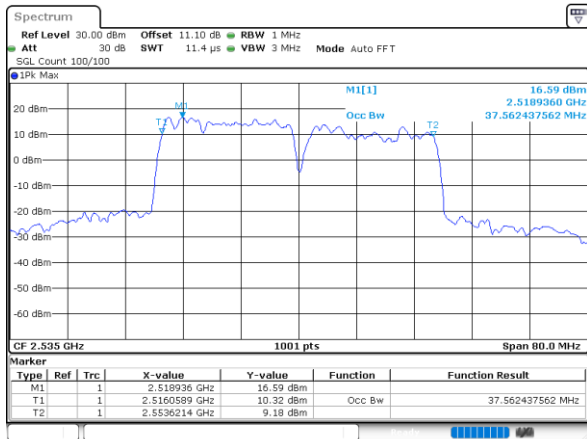
N/A



Date: 23_MAR_2020 15:38:51

Middle Channel / 20MHz+20MHz

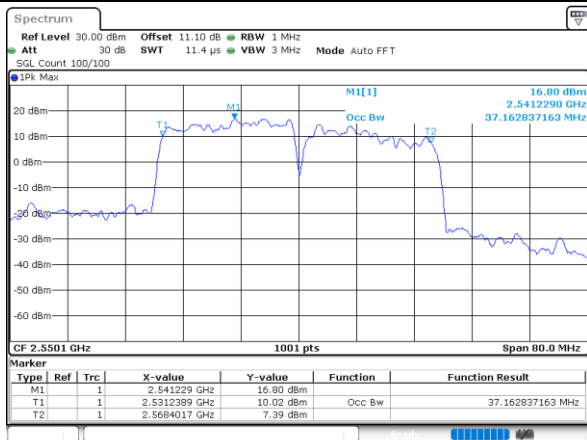
N/A



Date: 23_MAR_2020 16:01:40

Highest Channel / 20MHz+20MHz

N/A



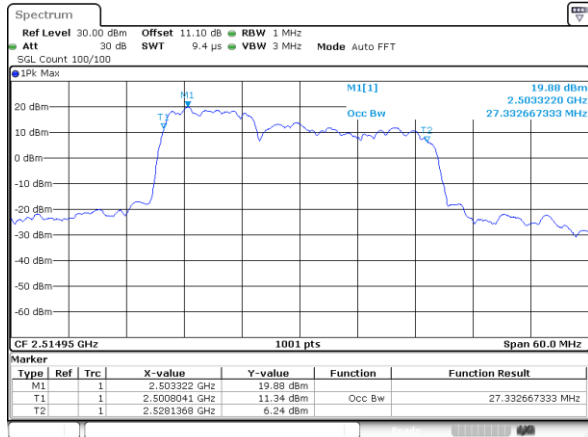
Date: 23_MAR_2020 16:21:38



LTE Band 7CA

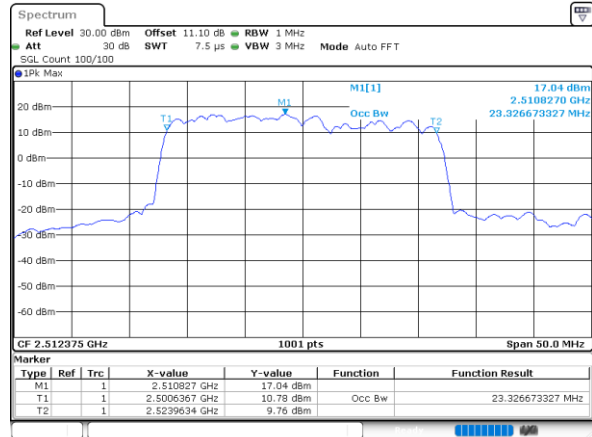
64QAM

Lowest Channel / 10MHz+20MHz



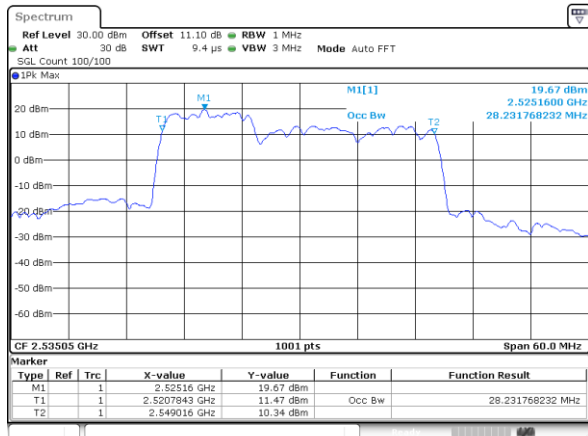
Date: 23.MAR.2020 14:59:29

Lowest Channel / 15MHz+10MHz



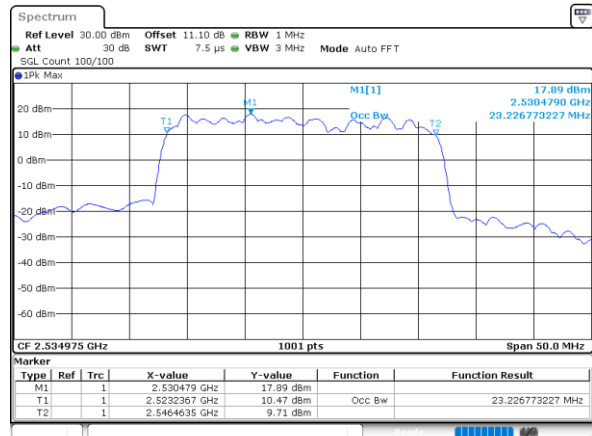
Date: 23.MAR.2020 17:27:42

Middle Channel / 10MHz+20MHz



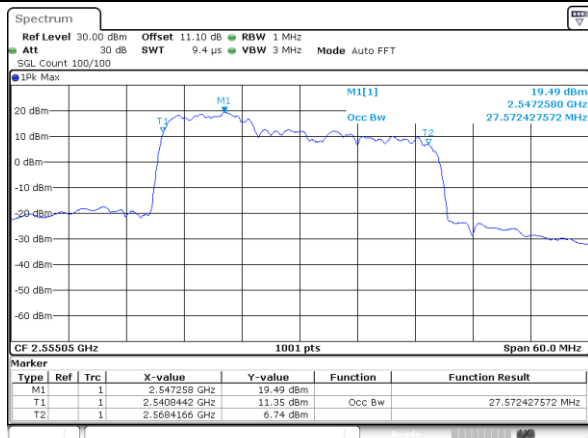
Date: 23.MAR.2020 15:58:46

Middle Channel / 15MHz+10MHz



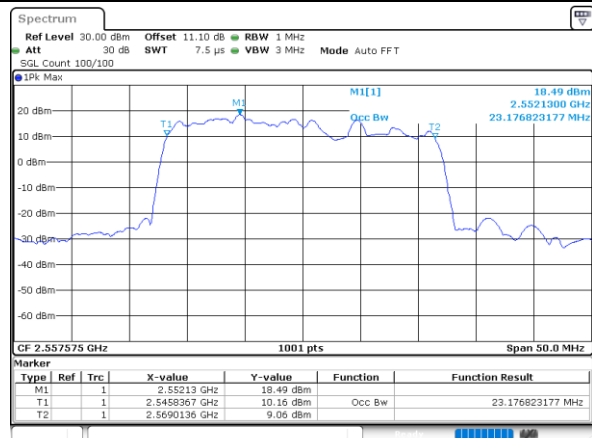
Date: 23.MAR.2020 17:46:21

Highest Channel / 10MHz+20MHz



Date: 23.MAR.2020 15:26:54

Highest Channel / 15MHz+10MHz



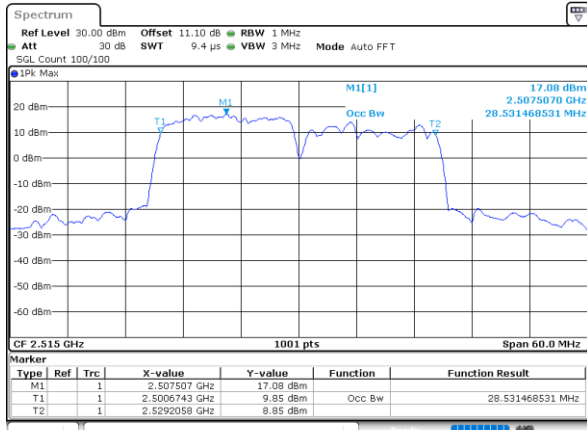
Date: 23.MAR.2020 17:59:54



LTE Band 7CA

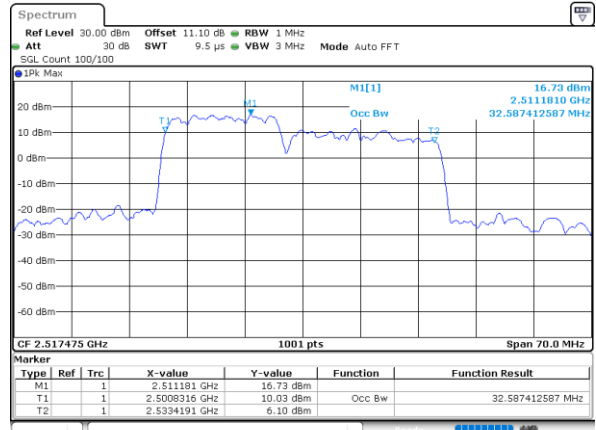
64QAM

Lowest Channel / 15MHz+15MHz



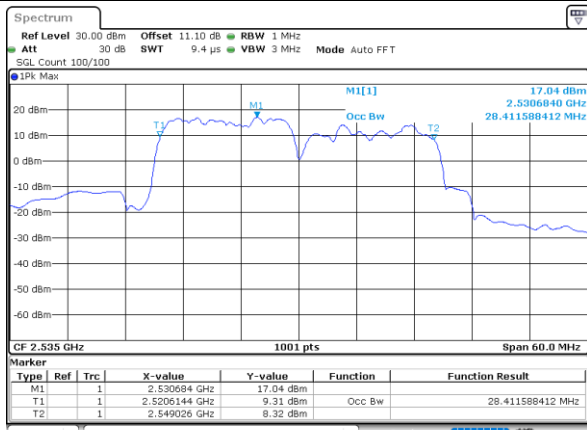
Date: 23_MAR_2020 13:07:36

Lowest Channel / 15MHz+20MHz



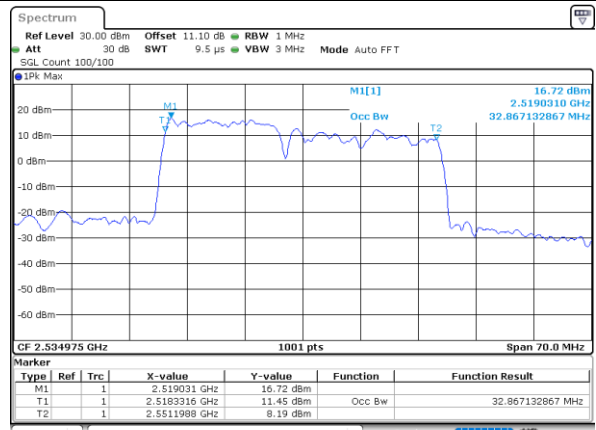
Date: 23_MAR_2020 13:29:36

Middle Channel / 15MHz+15MHz



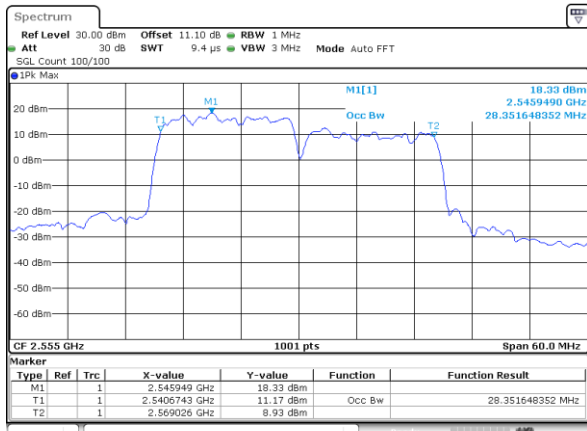
Date: 23_MAR_2020 12:45:05

Middle Channel / 15MHz+20MHz



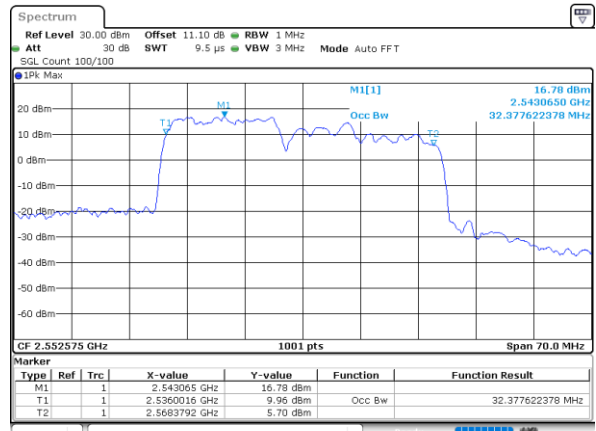
Date: 23_MAR_2020 13:49:01

Highest Channel / 15MHz+15MHz



Date: 23_MAR_2020 18:18:48

Highest Channel / 15MHz+20MHz



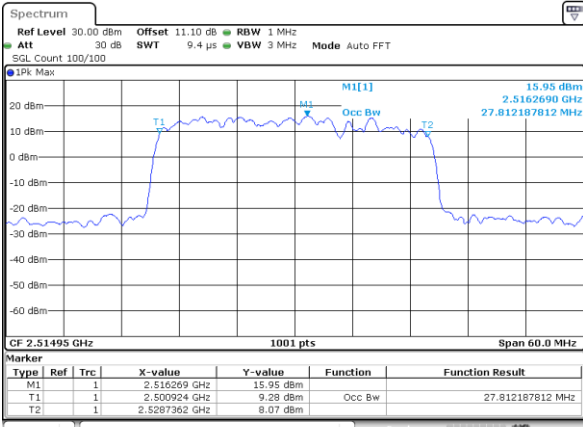
Date: 23_MAR_2020 14:17:36



LTE Band 7CA

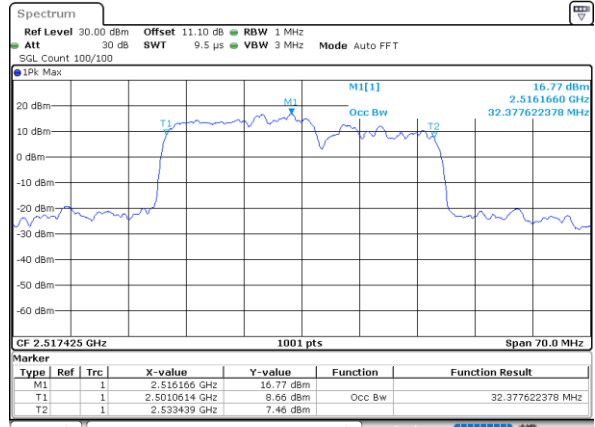
64QAM

Lowest Channel / 20MHz+10MHz



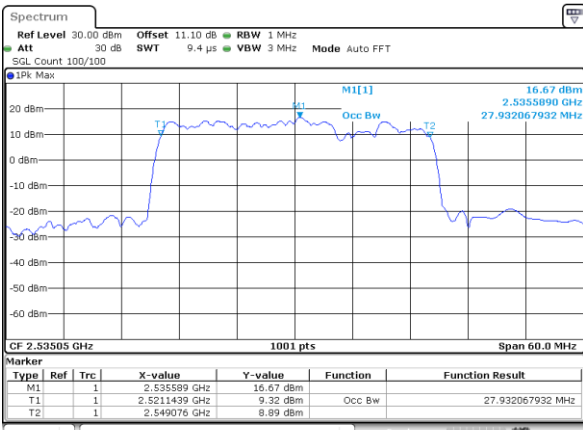
Date: 23_MAR_2020 16:25:29

Lowest Channel / 20MHz+15MHz



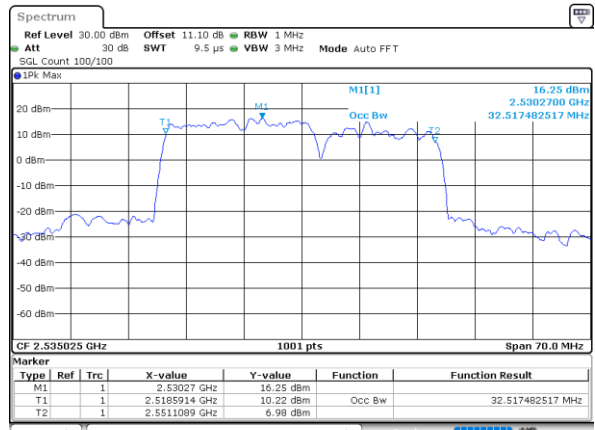
Date: 23_MAR_2020 14:45:36

Middle Channel / 20MHz+10MHz



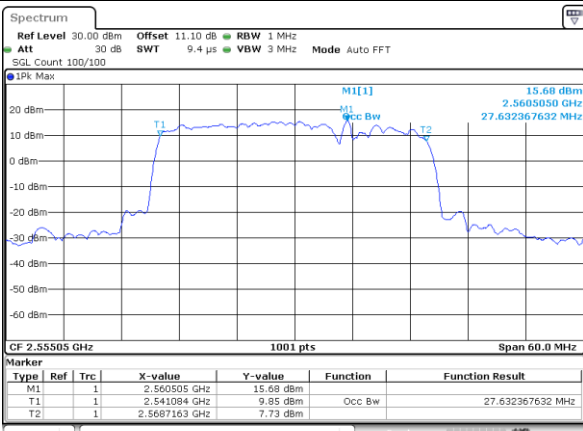
Date: 23_MAR_2020 17:20:29

Middle Channel / 20MHz+15MHz



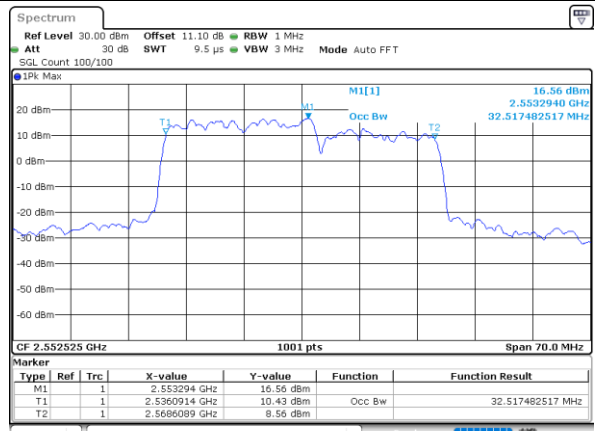
Date: 23_MAR_2020 15:04:36

Highest Channel / 20MHz+10MHz



Date: 23_MAR_2020 16:52:39

Highest Channel / 20MHz+15MHz



Date: 23_MAR_2020 15:11:11

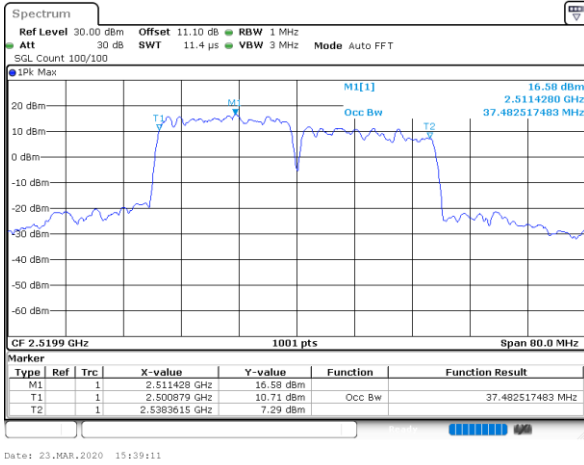


LTE Band 7CA

64QAM

Lowest Channel / 20MHz+20MHz

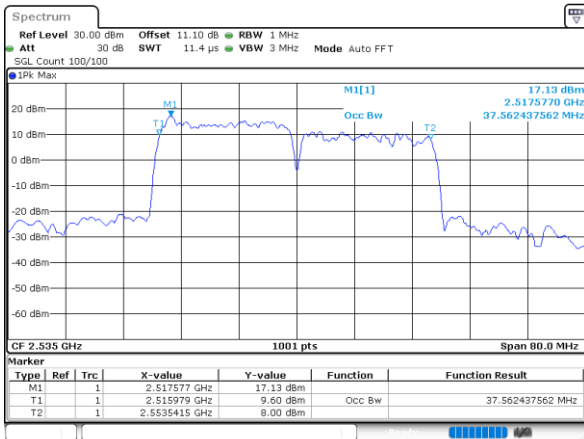
N/A



Date: 23_MAR_2020 15:39:11

Middle Channel / 20MHz+20MHz

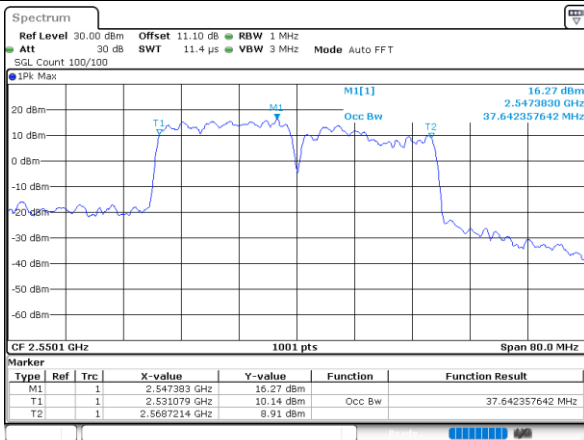
N/A



Date: 23_MAR_2020 16:02:00

Highest Channel / 20MHz+20MHz

N/A



Date: 23_MAR_2020 17:08:36



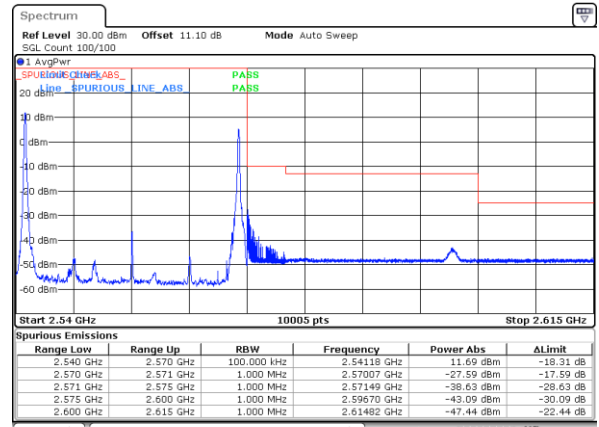
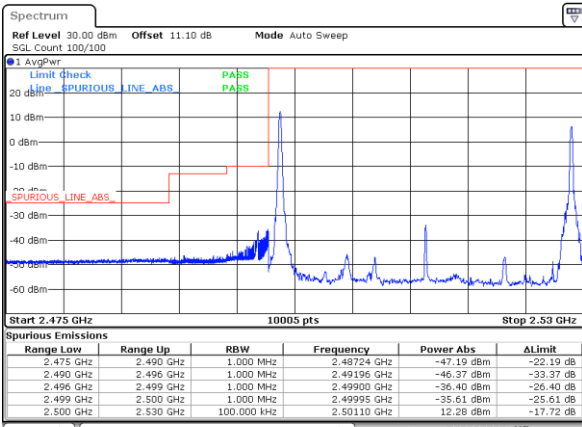
Conducted Band Edge

LTE Band 7CA / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

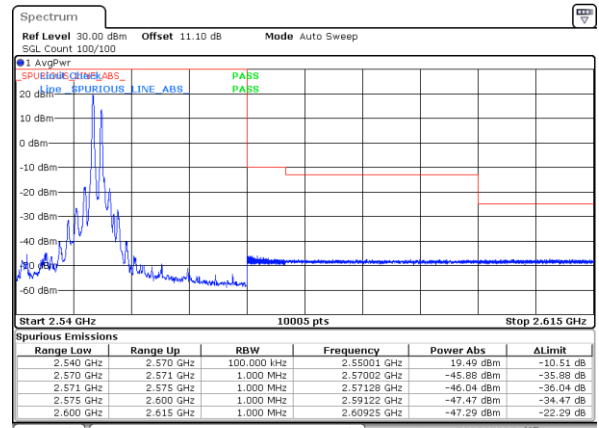
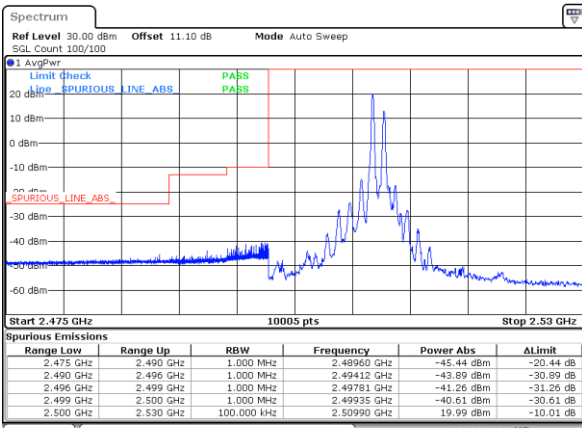


Date: 23.MAR.2020 17:37:57

Date: 23.MAR.2020 17:52:00

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

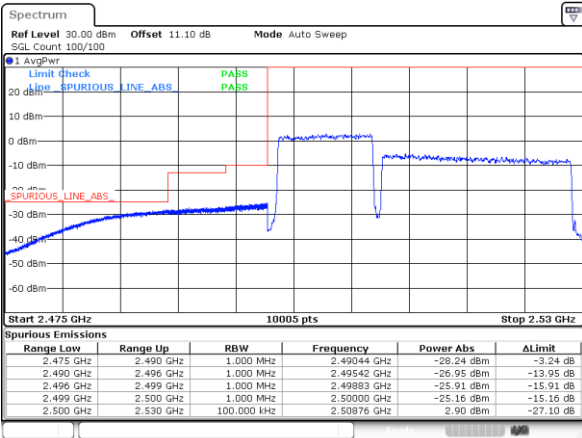


Date: 23.MAR.2020 17:39:29

Date: 23.MAR.2020 17:58:36

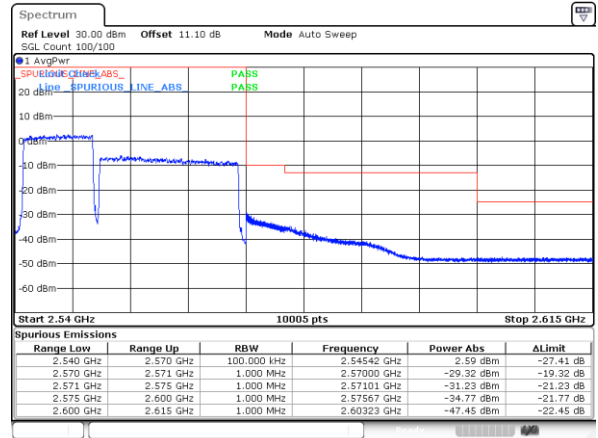


Lowest Band Edge / Full RB



Date: 23_MAR_2020 15:01:57

Highest Band Edge / Full RB



Date: 23_MAR_2020 15:13:02

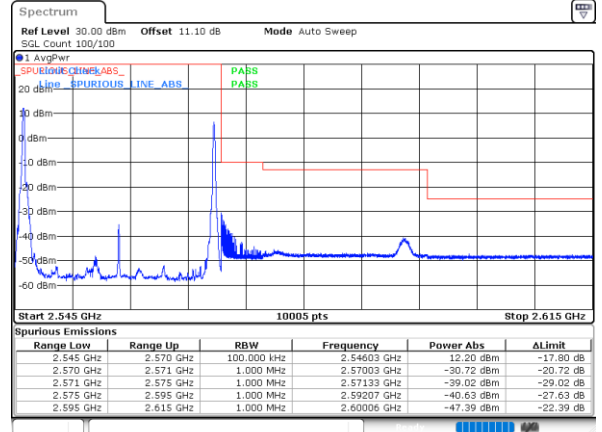
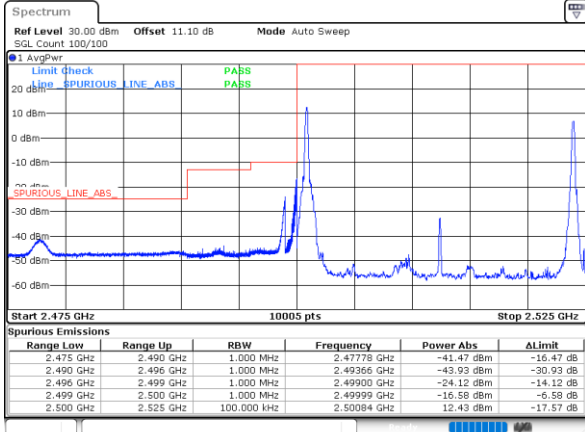


LTE Band 7CA / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

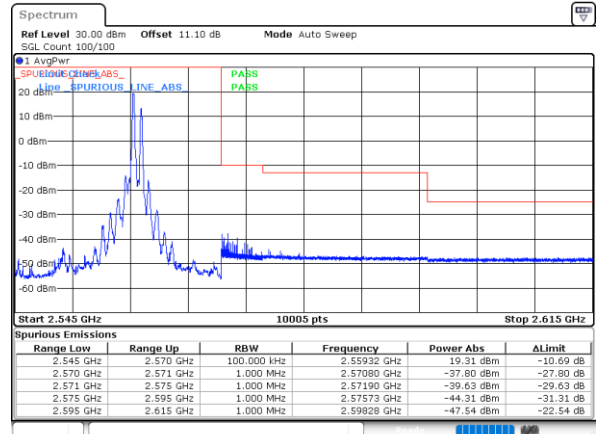
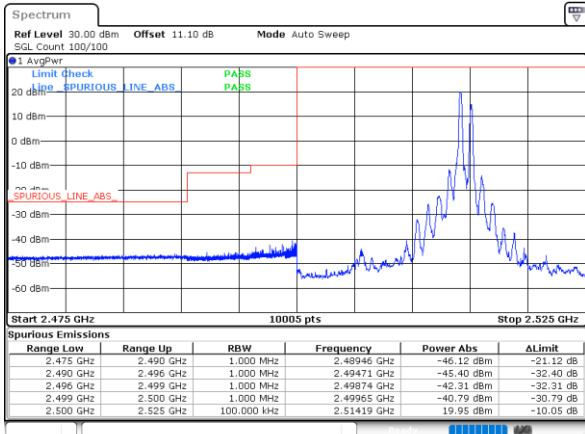


Date: 23.MAR.2020 17:32:37

Date: 23.MAR.2020 18:04:09

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

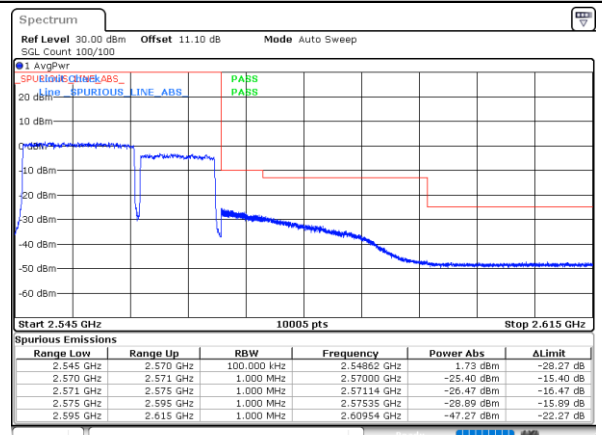
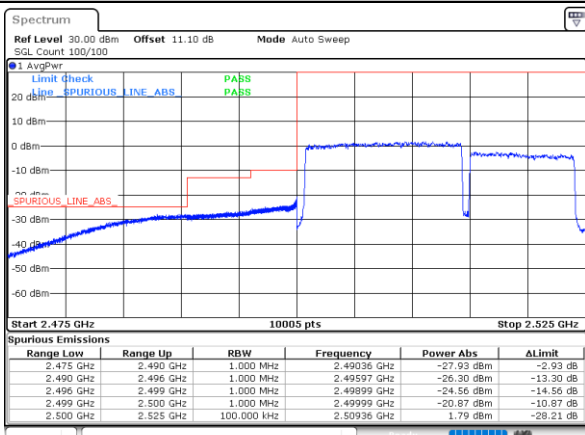


Date: 23.MAR.2020 17:33:15

Date: 23.MAR.2020 18:07:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2020 17:29:20

Date: 23.MAR.2020 18:03:30

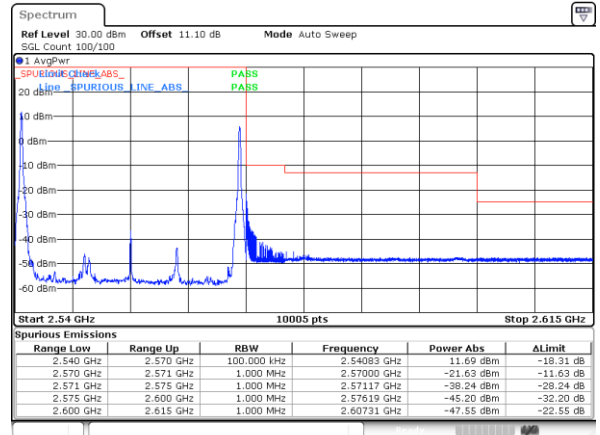
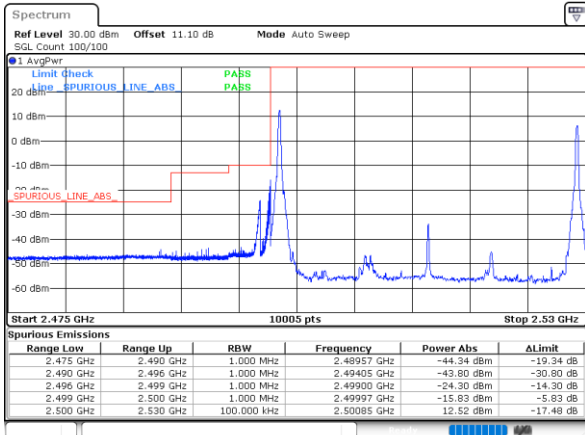


LTE Band 7CA / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

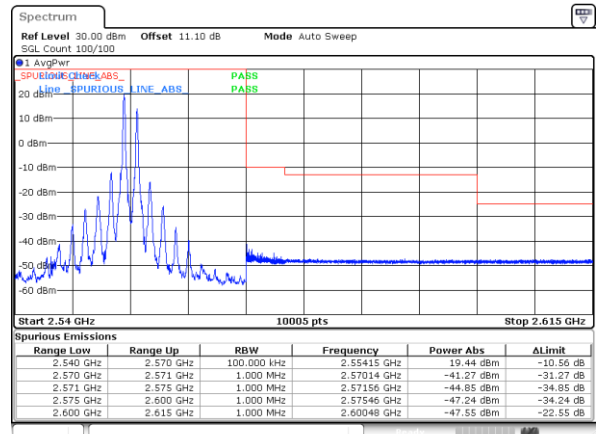
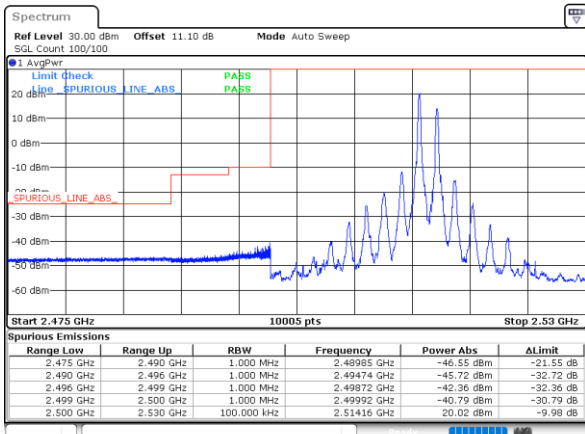


Date: 23.MAR.2020 13:12:32

Date: 23.MAR.2020 18:26:33

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

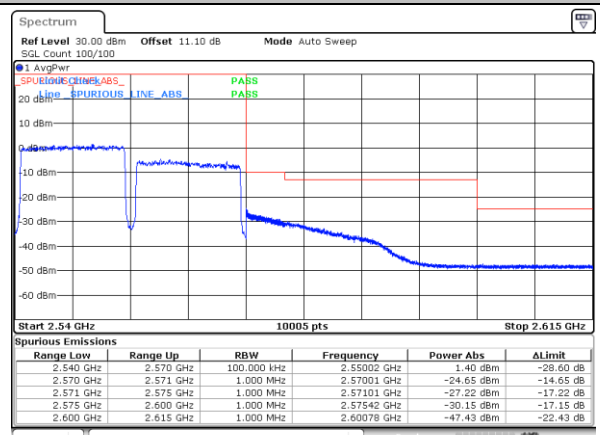
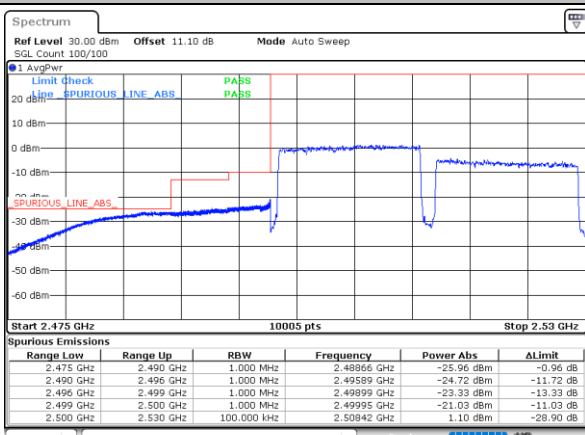


Date: 23.MAR.2020 13:13:11

Date: 23.MAR.2020 18:34:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2020 13:09:14

Date: 23.MAR.2020 18:25:01

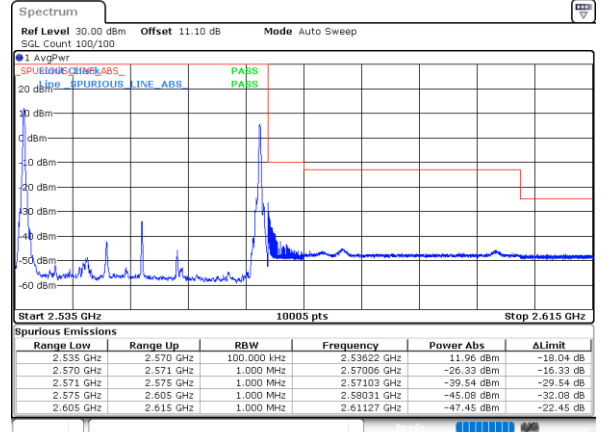
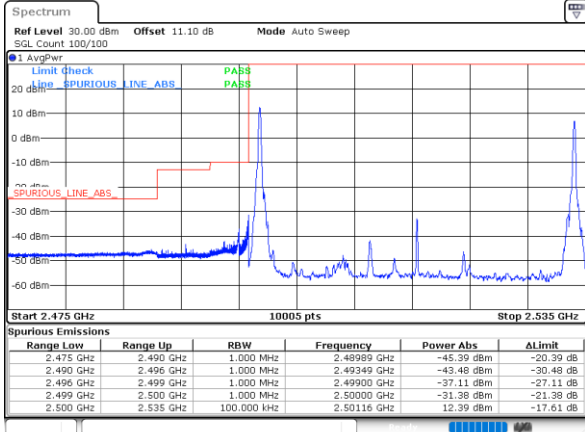


LTE Band 7CA / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

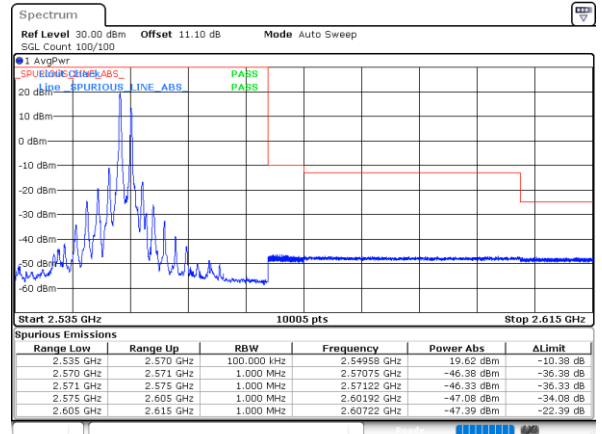
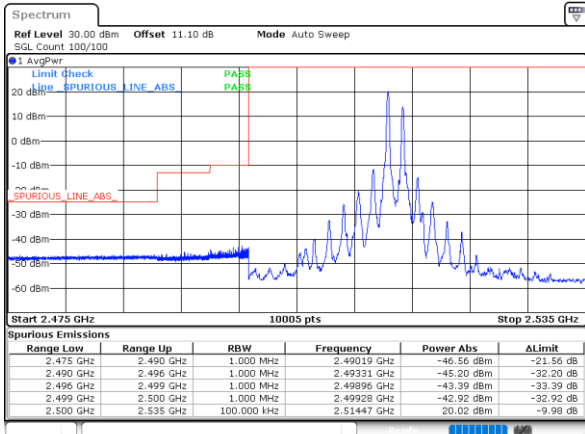


Date: 23.MAR.2020 13:34:32

Date: 23.MAR.2020 14:21:52

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

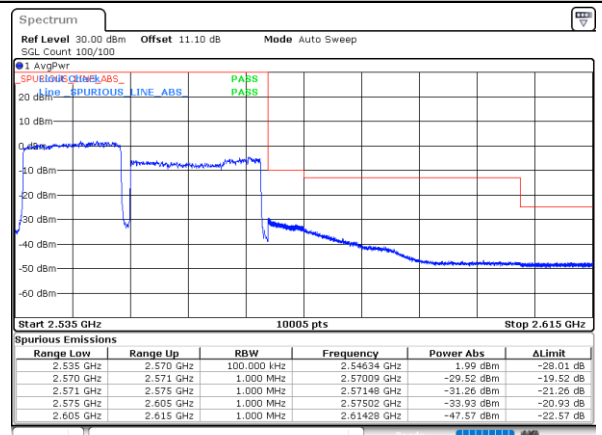
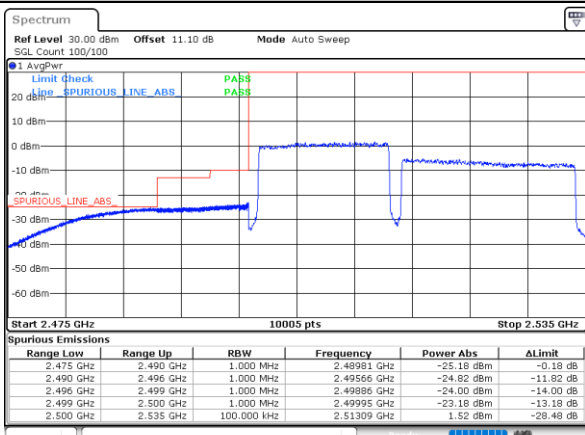


Date: 23.MAR.2020 13:35:11

Date: 23.MAR.2020 14:25:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2020 18:23:27

Date: 23.MAR.2020 14:21:12

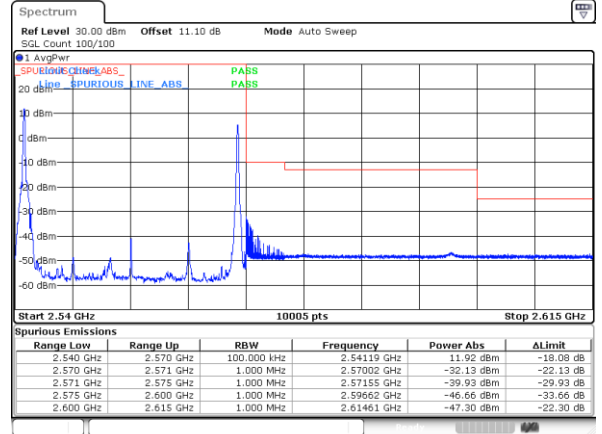
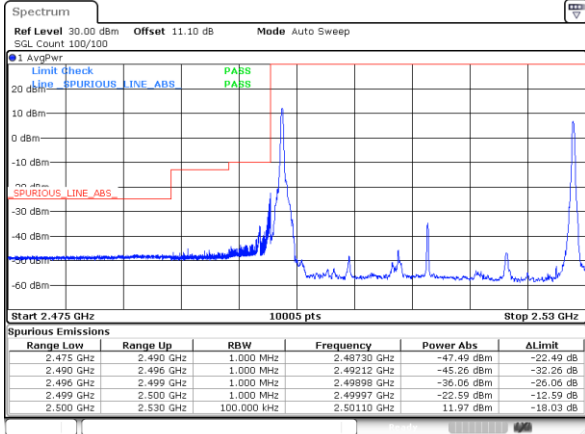


LTE Band 7CA / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

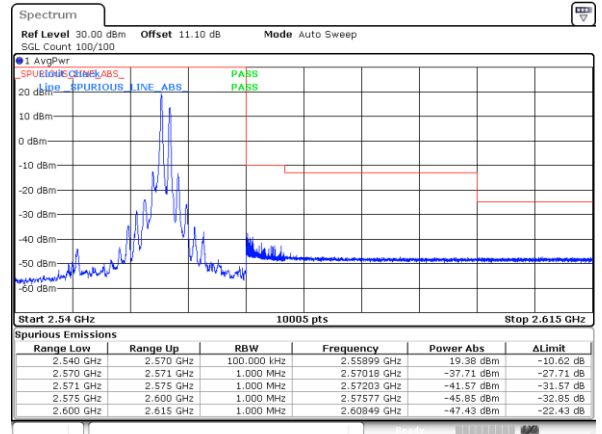
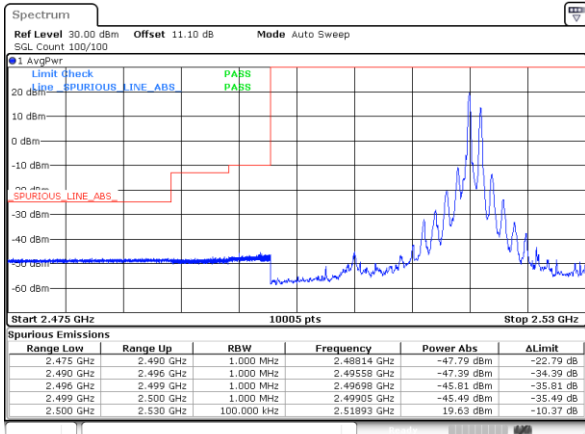


Date: 23.MAR.2020 16:35:39

Date: 23.MAR.2020 17:00:24

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

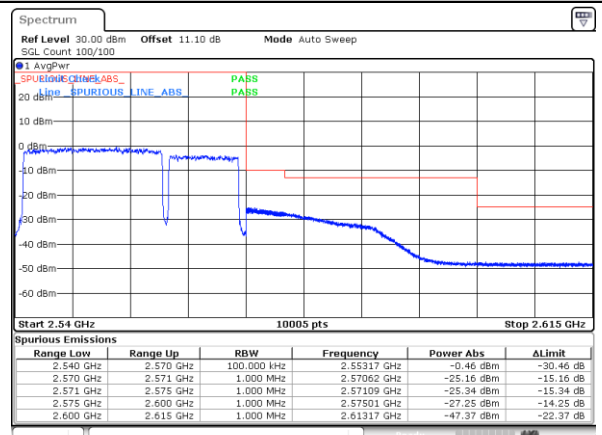
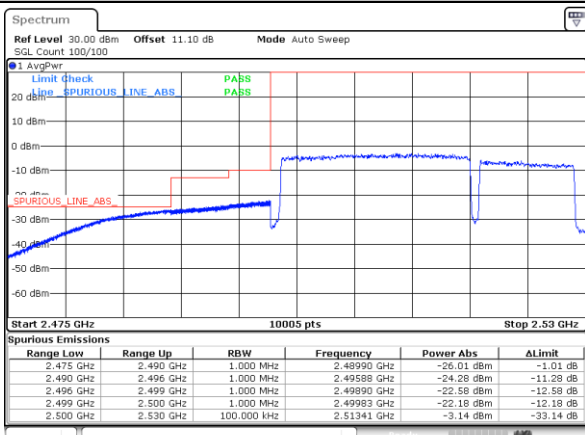


Date: 23.MAR.2020 16:37:11

Date: 23.MAR.2020 17:08:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAR.2020 16:27:59

Date: 23.MAR.2020 16:58:53